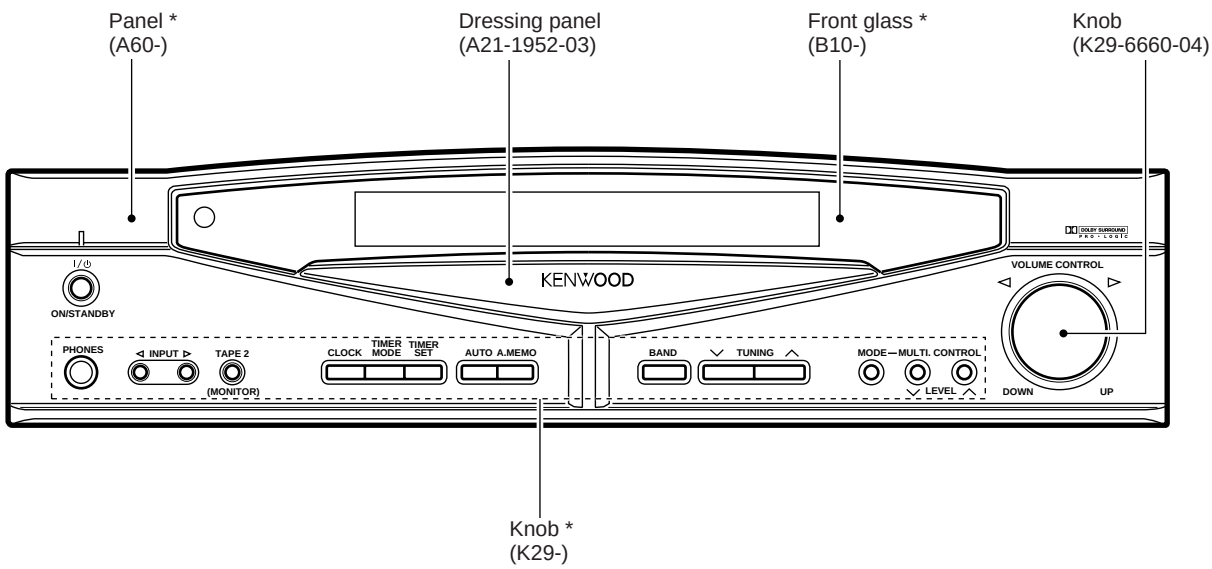
STEREO INTEGRATED AMPLIFIER/TUNER

C-V100/V150/V300/V350

SERVICE MANUAL

KENWOOD

© 1997-6/B51-5323--00 (K/K) 3676



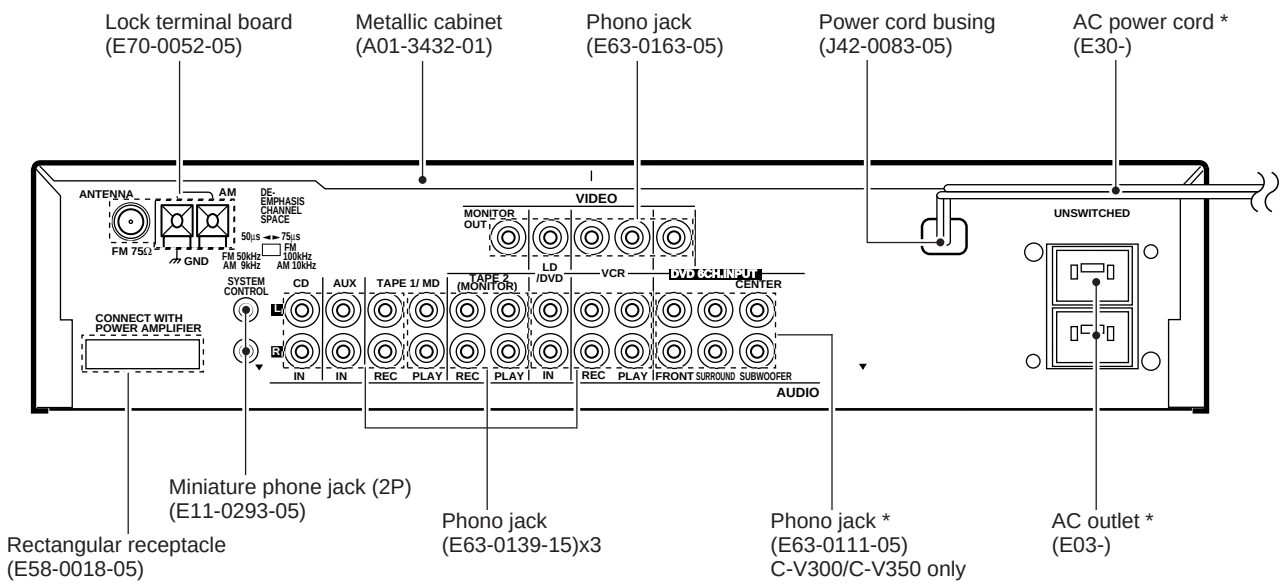


Illustration is C-V100.

*** Refer to parts list on page 33.**

Caution : No connection of ground line if disassemble the unit.
Please connect the ground line on rear panel, PCBs, Chassis and some others.

CONTENTS / ACCESSORIES

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How to reset the microcomputer

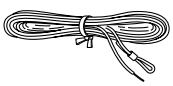
The microcomputer may malfunction (impossibility operation,erroneous display,etc.) when the power cord is unplugged and plugged in again while the unit is in ON mode with the Key pressed or due to other external causes.In this case,execute the procedure on the right to reset the microcomputer and return the unit to the normal condition.

① Unplug the power cord from the wall outlet.
② While pressing and holding the POWER or (ON/STANDBY)key,plug the AC cord into the wall outlet again

• Resetting the microcomputer clears the memory you entered and returns in to the initial condition when the unit left the factory.

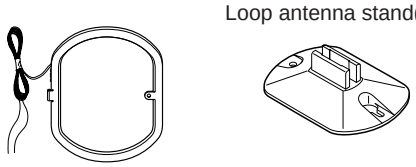
Accessories (C-V100/300)

FM indoor antenna(1)
(T90-0809-05): MICX type
(T90-0810-05): KPY type

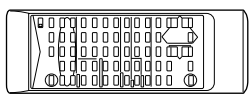


AM loop antenna(1) (T90-0820-05)

Loop antenna stand(1)

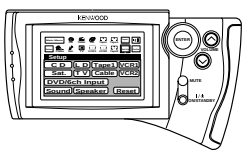


Remote control unit(1) *
(C-V100)
(Except U.S.A. and Canada)

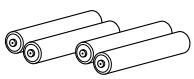


Cable tidy(2)
(F07-0102-04)

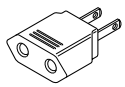
Graphical Remote Control unit(1) *
(C-V300)
(C-V100,only U.S.A. and Canada) *



Batteries(R03/AAA) (4)
(C-V300)
(C-V100,only U.S.A. and Canada)

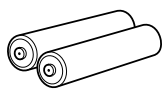


*AC plug adapter (1)
(E03-0115-05)



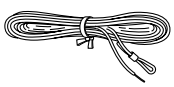
* Use to adapt the plug on the power cord to the shape of the wall outlet.(Accessory only for regions where use is necessary)

Batteries(R6/AA) (2)
(C-V100)
(Except U.S.A. and Cana-



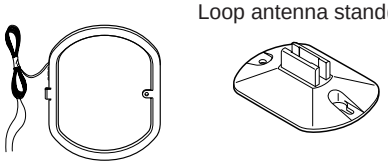
(C-V150/350)

FM indoor antenna(1)
(T90-0809-05): MICX type
(T90-0810-05): ET type

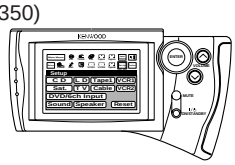


AM loop antenna(1) (T90-0820-05)

Loop antenna stand(1)



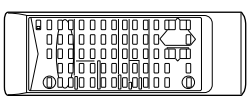
Graphical Remote Control unit(1) *
(C-V350)



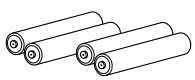
(Optional with the C-V150)

Cable tidy(2)
(F07-0102-04)

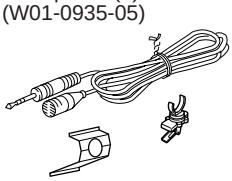
Remote control unit(1) *
(C-V150)



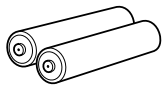
Batteries(R03/AAA) (4)
(C-V350)



Microphone(1)
(W01-0935-05)

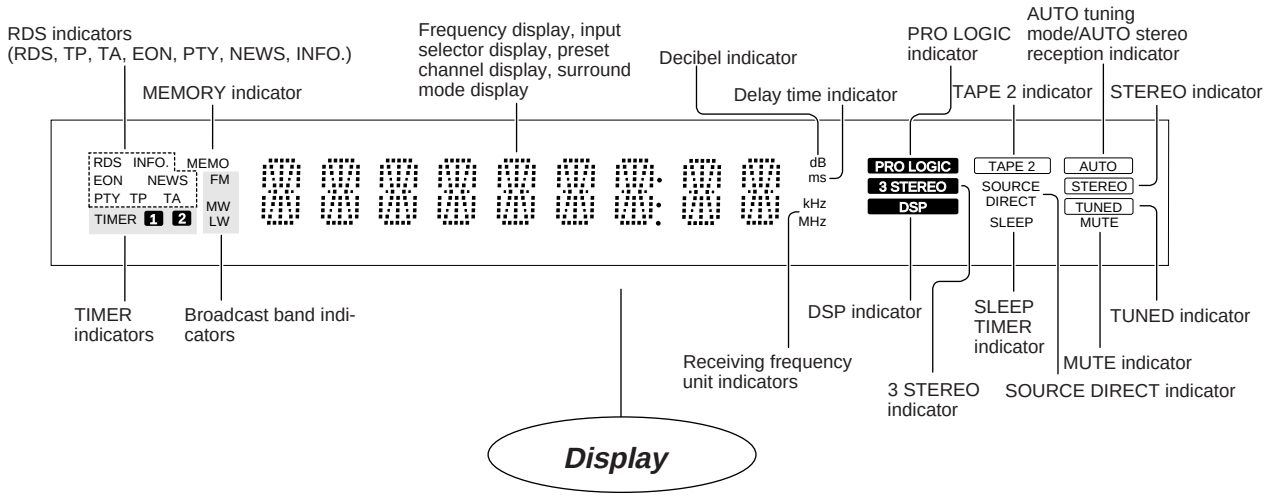


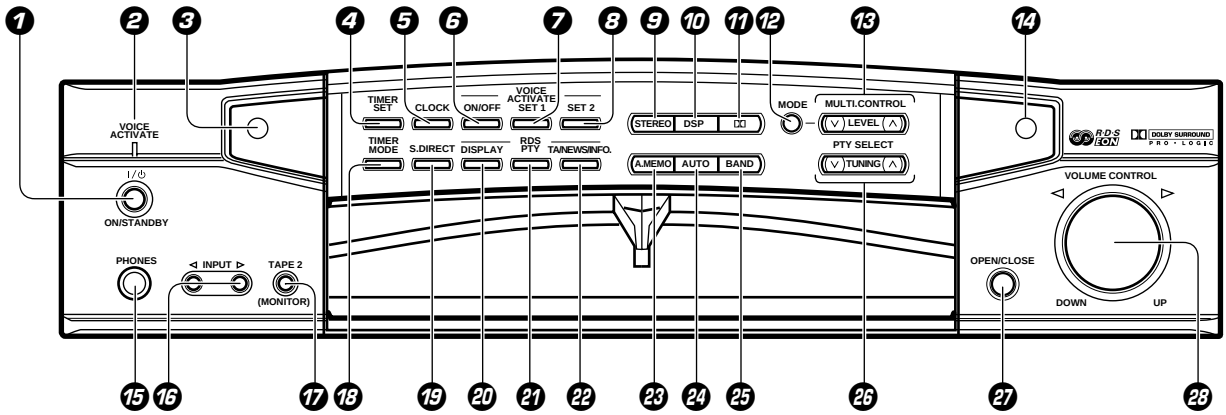
Batteries(R6/AA) (2)
(C-V150)



*** Refer to parts list on page 33.**

CONTROLS





The keys which have the same names as the controls on the remote control unit provide the same functions as them.

❶ I/⏻ (ON/STANDBY) key
Press to switch between ON and STAND-BY.

❷ VOICE ACTIVATE indicator
Lights to indicate an occurrence of voice activation.

❸ Remote sensor

❹ TIMER SET key
Press to set the timer function.

❺ CLOCK key
Press to set the clock.

❻ VOICE ACTIVATE ON/OFF key
Press to switch the voice-activation operation ON and OFF.

❼ VOICE ACTIVATE SET 1 key
Press to record words for use in voice activation.

❽ VOICE ACTIVATE SET 2 key
Press to record words for use in voice activation.

❾ STEREO key

❿ DSP key

⓫ DOLBY key

⓬ MODE key
Press to switch various setting modes.

⓭ MULTI.CONTROL key
Press to select various setting modes.

⓮ GRC transmitter
Outputs the signals transmitted to the Graphical Remote Control.

⓯ PHONES jack
For use in headphones listening.

⓰ INPUT SELECTOR key
Press to select the input.

⓱ TAPE 2 (MONITOR) key
For use in monitoring of recording, etc.

⓲ TIMER MODE key
Press to switch the timer modes.

⓳ S.DIRECT key
Press to switch the Source Direct function which allows to reproduce the source with a better quality.

⓴ RDS DISPLAY key
Press to switch the RDS display.

㉑ RDS PTY key
For use during reception of RDS broadcasting.

㉒ RDS TA/NEWS/INFO. key
For use during reception of RDS broadcasting.

㉓ A.MEMO key
Press when using the auto memory function.

㉔ AUTO key
Press to select the tuning mode.
The auto tuning or manual tuning mode can be selected.
The input selection display of a source can be switched to another by pressing and holding the **AUTO** key for more than 2 seconds.

㉕ BAND key
Press to switch the broadcasting band.

㉖ TUNING keys (∧, ∨)
Press to select the radio station to be received.
These keys are also used in the clock adjustment and timer operations.

㉗ OPEN/CLOSE key

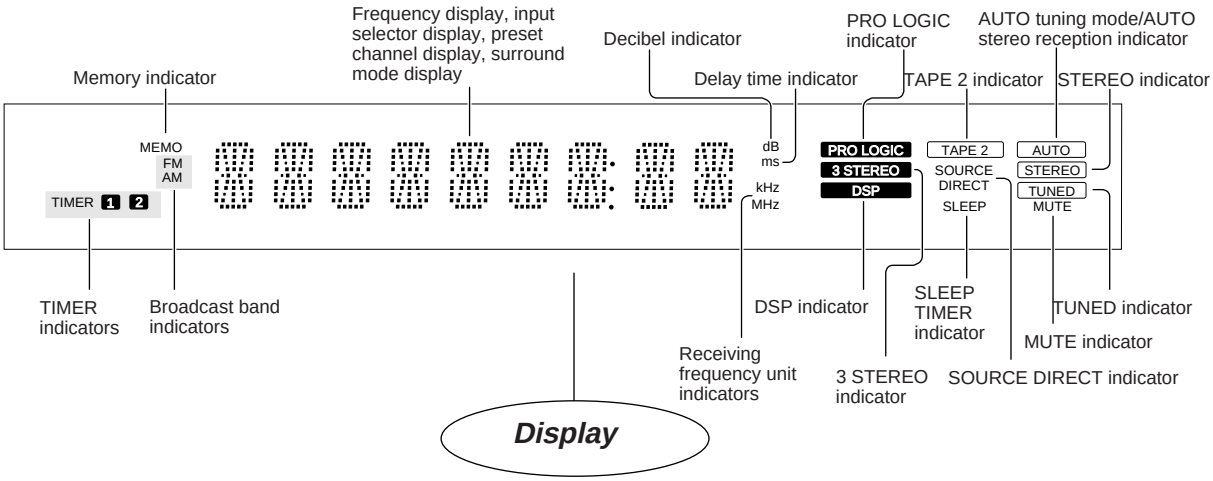
㉘ VOLUME CONTROL knob

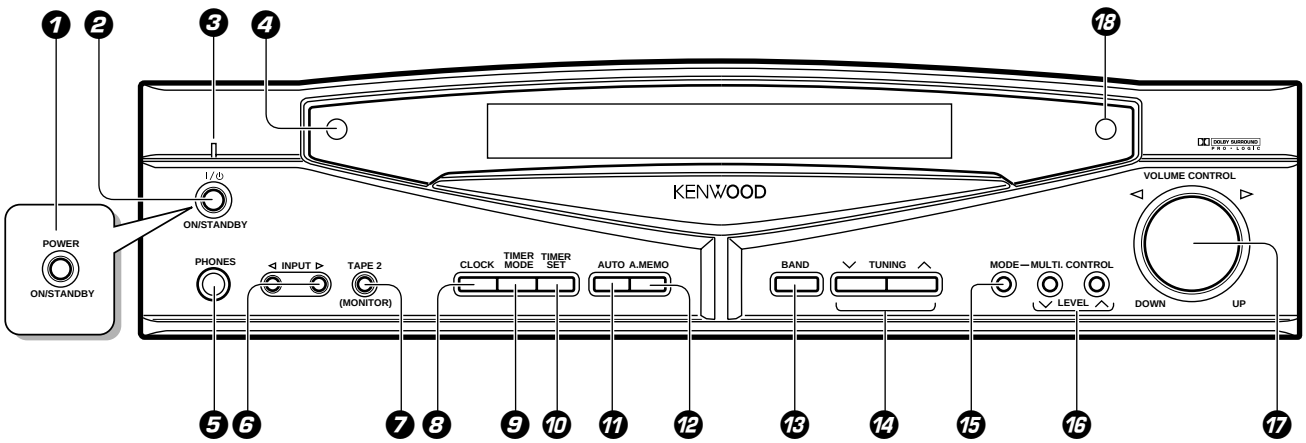
STANDBY mode indication

While standby mode is indicated, a small amount of power is supplied to the system to back up the memory. In this mode, the system can be turned ON by remote control.
With this unit, standby mode is indicated by means of the display panel. The system is in standby mode while the clock display is shown.

CONTROLS

For C-V100





The keys which have the same names as the controls on the remote control unit provide the same functions as them.

❶ POWER (ON/STANDBY) key (U.S.A. and Canada)
Press to switch between ON and STAND-BY.

❷ I/⏻ (ON/STANDBY) key
Press to switch between ON and STAND-BY.

❸ STANDBY indicator

❹ Remote sensor

❺ PHONES jack
For use in headphones listening.

❻ INPUT SELECTOR key
Press to select the input.

❼ TAPE 2 (MONITOR) key
For use in monitoring of recording, etc.

❽ CLOCK key
Press to set the clock.

❾ TIMER MODE key
Press to switch the timer modes.

❿ TIMER SET key
Press to set the timer function.

⓫ AUTO key
Press to select the tuning mode.
The auto tuning or manual tuning mode can be selected.
The input selection display of a source can be switched to another by pressing and holding the **AUTO** key for more than 2 seconds.

⓬ A.MEMO key
Press when using the auto memory function.

⓭ BAND key
Press to switch the broadcasting band.

⓮ TUNING keys (∧, ∨)
Press to select the radio station to be received.
These keys are also used in the clock adjustment and timer operations.

⓯ MODE key
Press to switch various setting modes.

⓰ MULTI. CONTROL key
Press to select various setting modes.

⓱ VOLUME CONTROL knob

⓲ GRC transmitter
Outputs the signals transmitted to the Graphical Remote Control.

STANDBY mode indication

While standby mode is indicated, a small amount of power is supplied to the system to back up the memory. In this mode, the system can be turned ON by remote control.

CONTROLS

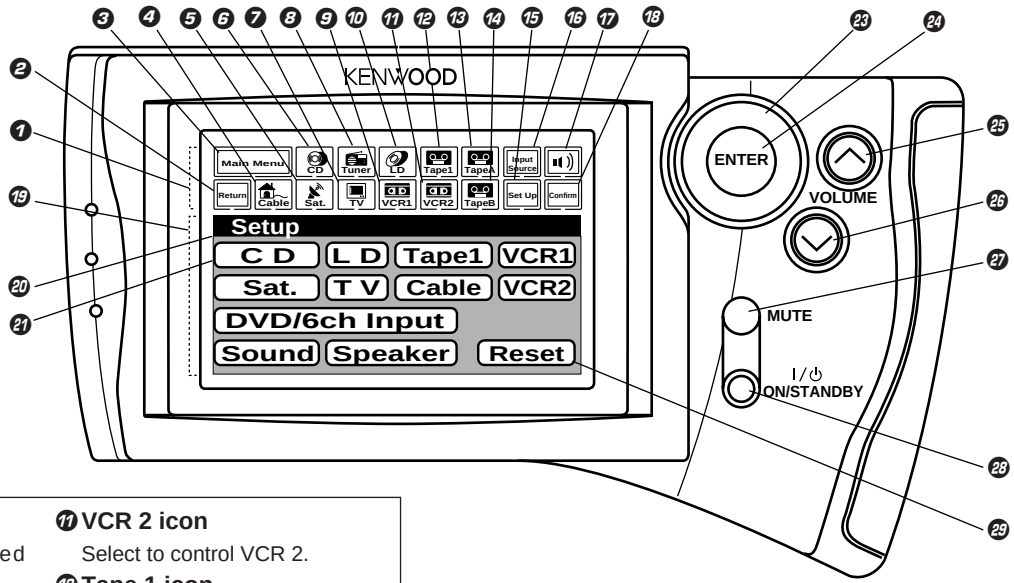
Controls and indicators

The Graphical Remote Control (GRC) unit provided with the AV CONTROL CENTER can also control KENWOOD cassette decks, CD player and LD player which are connected to it through system control cords. For details of the controllable functions, refer to the instruction manuals of these components.

Model: GRC-100/150
Infrared system

Notes

Perform "Model Type Setup" of the GRC before using it.



Segment screen

❶ Segment screen
This area displays the fixed icons.

❷ Return icon
Select to return to the previous display.

❸ Main Menu icon
Select to change the input source or select Main Menu 2.

❹ Cable TV icon
Select to control the cable TV.

❺ Satellite Tuner icon
Select to control the satellite tuner.

❻ CD icon
Select to control the CD player.

❼ TV icon
Select to control the TV.

❽ Tuner icon
Select to control the tuner.

❾ VCR 1 icon
Select to control VCR 1.

❿ LD icon
Select to control the LD player.

⓫ VCR 2 icon
Select to control VCR 2.

⓬ Tape 1 icon
Select to control cassette deck 1.

⓭ Tape A icon
Select to control cassette deck A.

⓮ Tape B icon
Select to control cassette deck B.

⓯ Set Up icon
Select to make setup operations.

⓰ Input Source icon
Select to switch the input source.

⓱ Sound icon
Select to control the sound-related functions.

⓲ Confirm icon
Select to confirm a setting, etc.

- The input source can be selected using icon ❸ or ⓰.
- Icons ❹ to ⓮ are used to select the component to be controlled.

Menu screen

⓳ Menu screen
This area displays the control key icons and level information.

⓴ Mode display
The above illustration indicates the Setup mode.

㉑ CD icon
Select to set up the CD player.

㉒ Reset icon
Select to return to the "Model Type Setup"menu screen.

Operation keys

㉓ Joystick key
For use in selecting icons. The joystick moves in 8 directions.

㉔ ENTER key
Press to enter a selection.

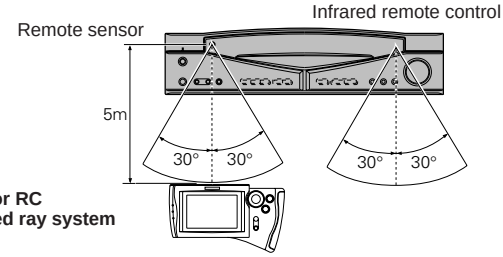
㉕ VOLUME (UP) control key
Press to increase the volume level.

㉖ VOLUME (DOWN) control key
Press to decrease the volume level.

㉗ MUTE key
Press to mute sound temporarily.

㉘ I/⏻ (ON/STANDBY) key
Press to switch the AV CONTROL CENTER and the components connected to it through system control cords between ON and STANDBY.

Approximate operating range



Notes

1. The supplied batteries are intended for use in operation check. Therefore, their lives may be shorter than ordinary batteries.
2. When the remote-controllable distance gets shorter than before, replace all four batteries with new ones.
3. Malfunction may occur if direct sunlight or the light of a high-frequency lighting fluorescent lamp enters the remote sensor. In such a case, change the system installation position to prevent the malfunction.
4. The GRC display may show erroneous information when the GRC unit is operated from outside the specified range.

CONTROLS

Names and functions of the keys

The "RC" remote control unit provided with the AV CONTROL CENTER can also control KENWOOD cassette decks, CD player and LD player connected to the AV CONTROL CENTER through system control cords. For details of the controllable functions, refer to the instruction manuals of these components.

The RC keys with the same names as the corresponding keys on the main unit have the same function as the main unit keys.

❶ I/⏻ (POWER) key
Press to switch the AV CONTROL CENTER and the components connected to it through system control cords between ON and STANDBY.

❷ A ⟷ B switch
Some of the RC keys function in two ways. The key functions indicated inside ( ) are usable when this switch is set to B.

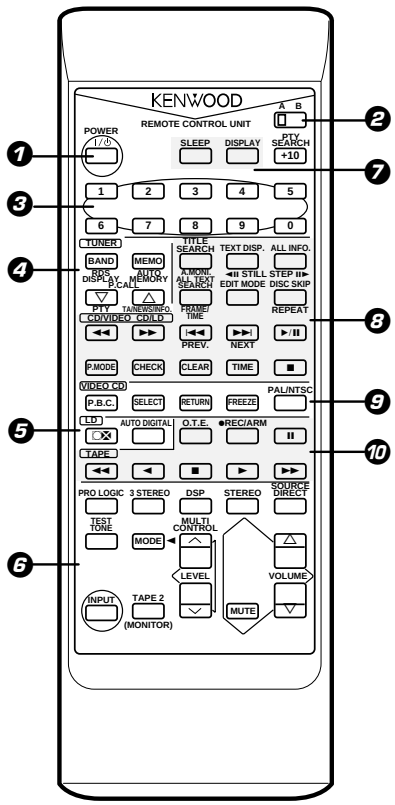
> Usually set this switch to A. In this manual, the description of a function which requires this switch to be set to B is accompanied with the illustration of .

❸ Numeric keys
Use these keys as the numeric key of the currently selected input source component.

❹ TUNER operation keys
BAND key
(RDS DISPLAY key)
MEMOkey
(AUTO MEMORY key)
P.CALL ▽:down key
(PTY key)
P.CALL △:up key
(TA/NEWS/INFO. key)

❺ LD player operation key
Read the instruction manual of the LD player.
▢⊠: CX key
AUTO DIGITAL key

❻ AV CONTROL CENTER operation keys
PRO LOGIC key
3 STEREO key
DSP key
STEREO key
SOURCE DIRECT key
TEST TONE key
MODE key
Use this key to select the setting modes.
MULTI CONTROL LEVEL
∧: up key, ∨: down key
Use these keys to adjust the tone or set the surround play.
TAPE 2 (MONITOR) key
INPUT key
Use this key as the input selector key.
MUTE key
Use this key to mute the sound temporarily.
VOLUME △: up key, ▽: down key
Use these keys to adjust the volume.



Model: RC-S503/RC-S503
Infrared system

❼ Key
SLEEP key
Press when setting the sleep timer.
DISPLAY key
Press to switch the displayed information.

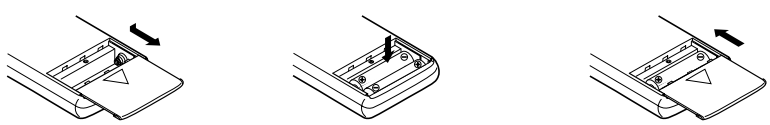
❽ CD/VIDEO CD/LD player operation keys
Read the instruction manuals of the CD player, VIDEO CD player and/or LD player.
TITLE SEARCH key
(A.MONI key)
TEXT DISP. key
(STILL STEP ◄II key)
ALL INFO. key
(STILL STEP II► key)
ALL TEXT SEARCH key
(FRAME/TIME key)
EDIT MODE key
DISC SKIP key
(REPEAT key)
◄◄ key
►► key
|◄◄ key (PREV.)
►►| key (NEXT)
►/II key
P.MODE key
CHECK key
CLEAR key
TIME key
■ key

❾ VIDEO CD player-specific operation keys
Read the instruction manual of the VIDEO CD player.
P.B.C. key
SELECT key
RETURN key
FREEZE key
PAL / NTSC key

❿ Cassette deck operation keys
Read the instruction manual of the cassette deck.
● REC/ARM key
II key
◄◄ key
◄ key
■ key
► key
►► key
(O.T.E. key)

Loading batteries

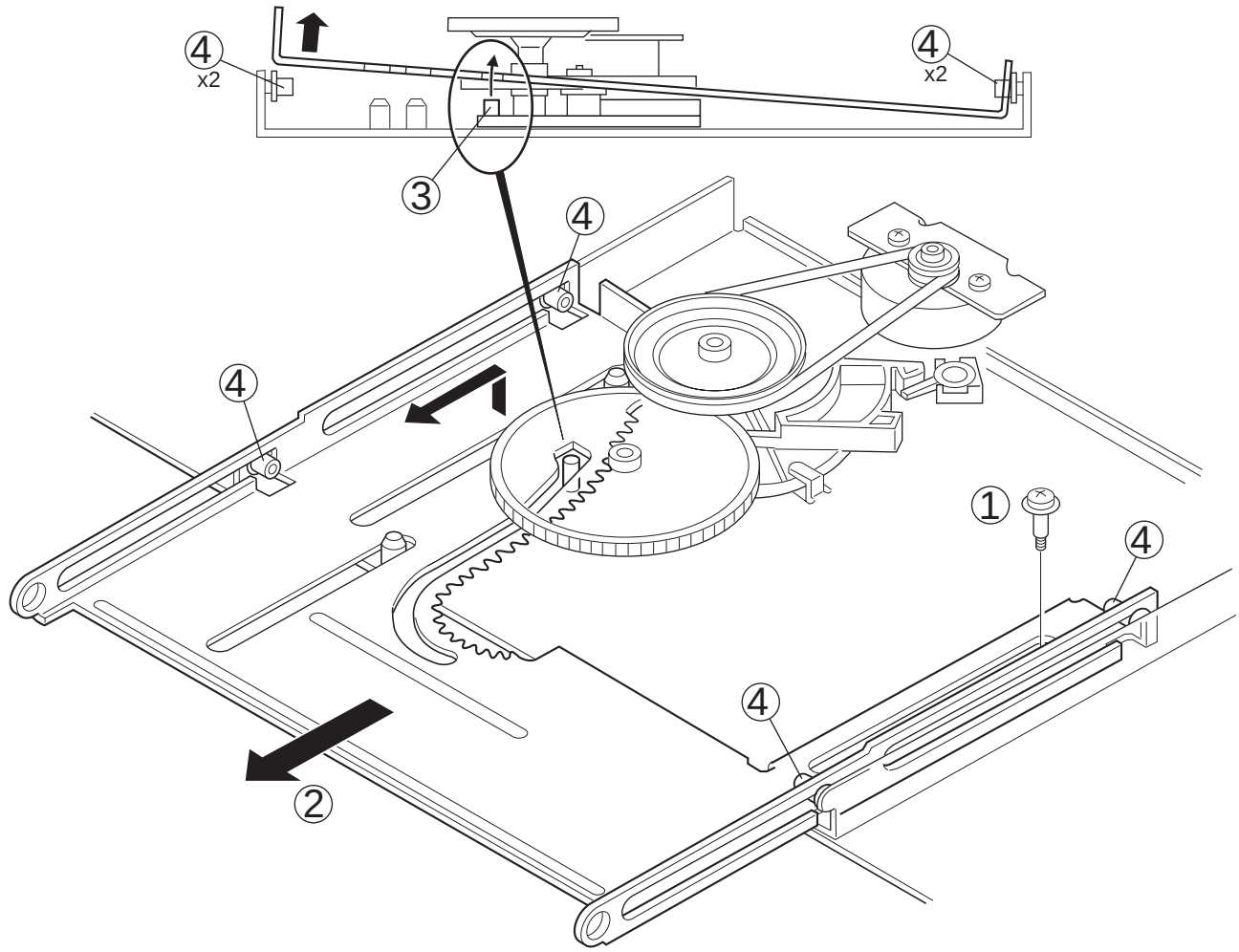
❶ Slide open the cover. **❷ Insert batteries.** **❸ Close the cover.**



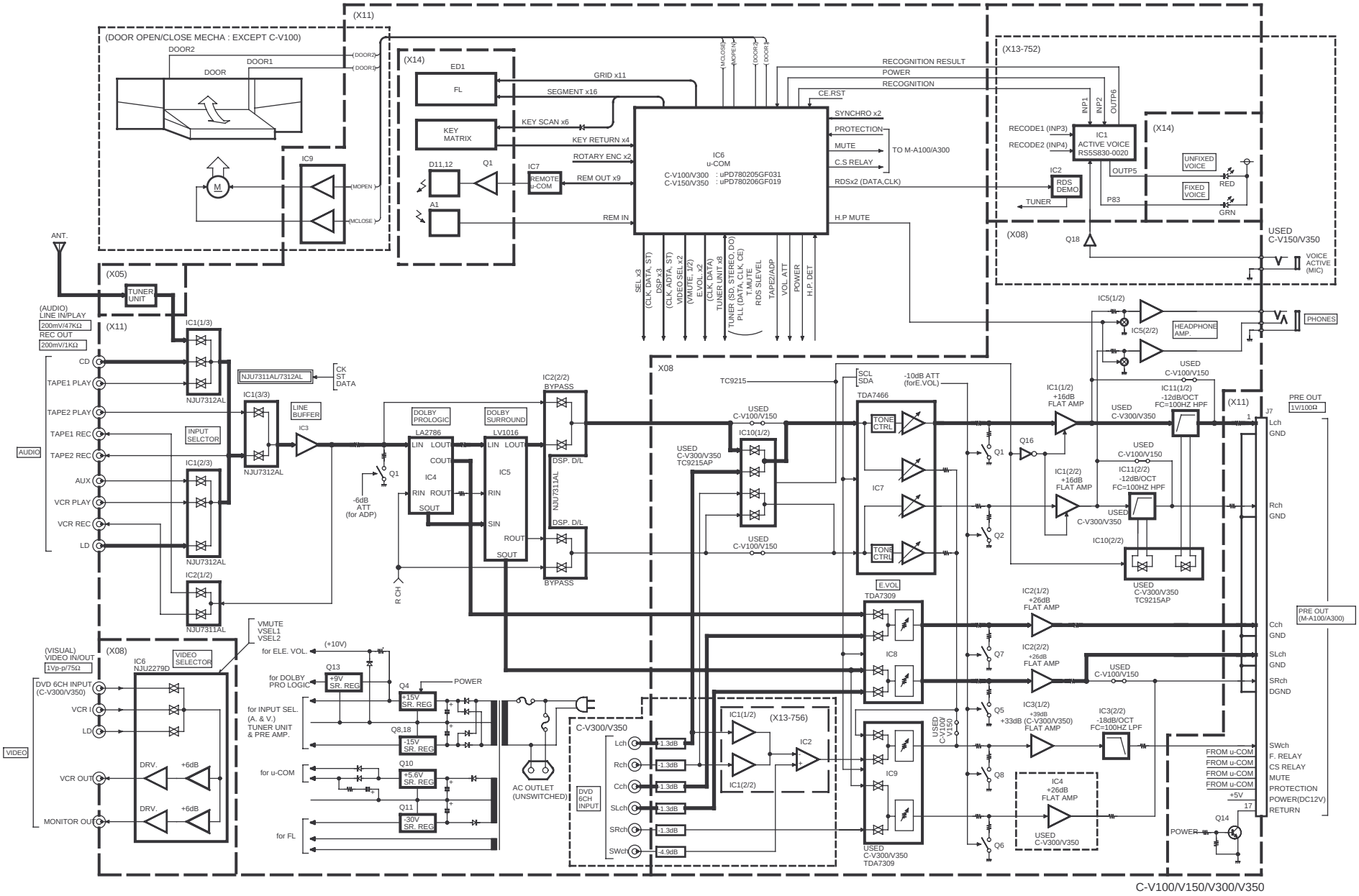
- Insert two AA-size (R6/SUM-3) batteries as indicated by the polarity marking.

DISASSEMBLY FOR REPAIR

1. Remove the 1 screw (①), Then pull the slider (②) till last
2. While raise the slider of left side, remove the slider from the bosses (③,④)



BLOCK DIAGRAM



C-V100/V150/V300/V350

CIRCUIT DESCRIPTION

1. New Functions

1-1 Amp section

(a) LCD Remote Control with System Control Code

Display on remote control shows the present condition of others units;CD player, cassette deck and so.

(b) One Touch Operation

- In power off mode, system will turn on and start to play-back if play key on every unit; CD, DECK, DVD, and MD will be pressed .
- In power off mode, system will turn on and start to open if open/close key on every unit; CD, DECK (single), DVD, and MD will be pressed

(c) Voice Activation (C-V150/V350)

In voice activation mode, when system has "KEN-WOOD" word it will turn on and start to playback CD or LD player even if power switch is turn off.

Key word will be available of changing any other word.

(d) Automatic Power-off

The system will be turned off if it is turned on by voice activation and selector keeps position at CD or LD position and system does to stop condition for 30 mints in CD or LD mode.

1-2 Tuner section

EON(Enhanced Other Network) (C-V150/V350)

- Automatic memory (broadcasting station name with sort mode), FM station will be morized after RDS station are done.
- In the case of broadcasting TA(Traffic information), NEWS(PTY), and INFO(PTY) in same network station, system will receive TA, NEWS, INFO or normal broadcastings automatically.

2. Backup and Initial Data

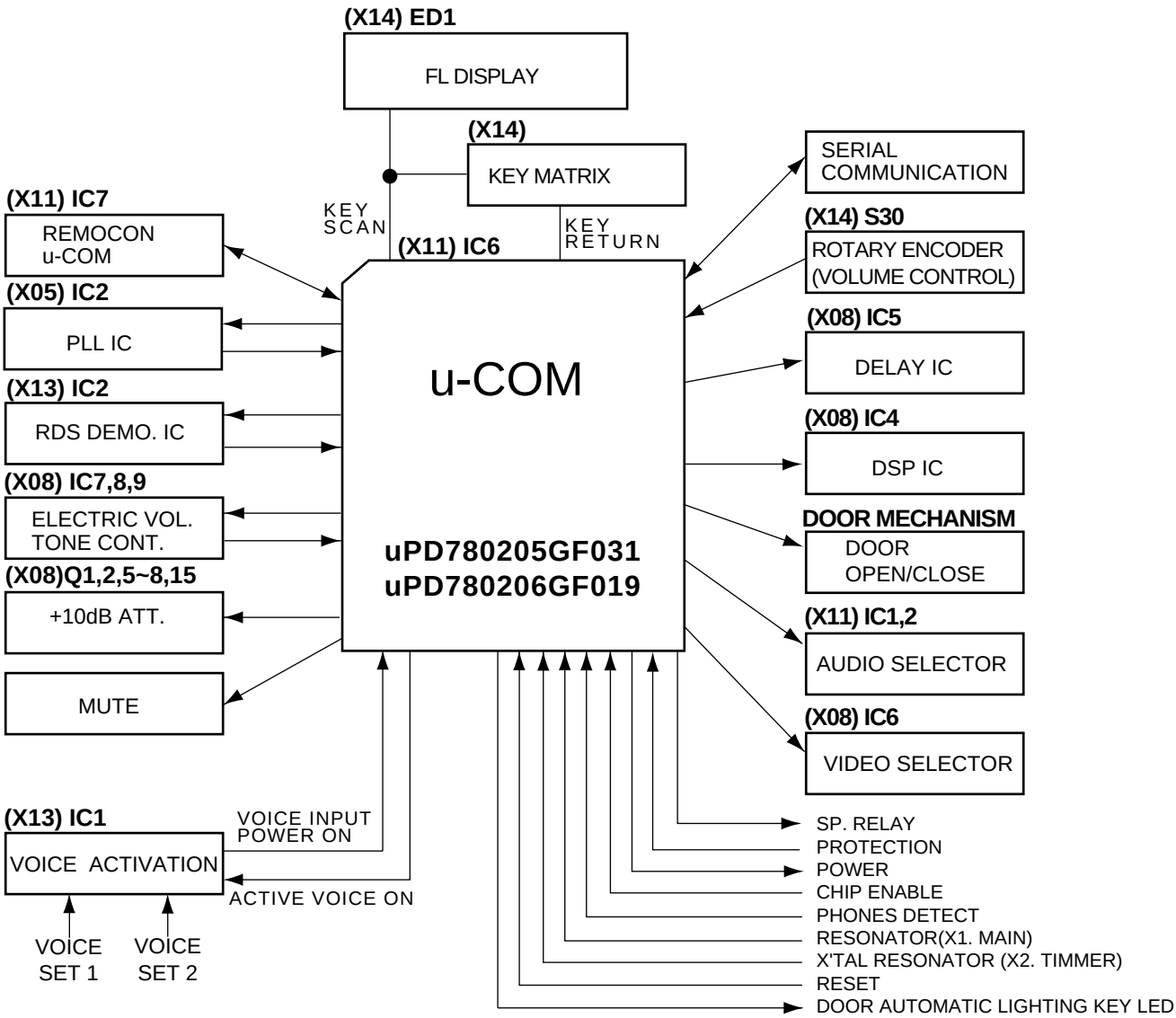
Power	:off
Main volume	:-65dB
Audio selector	:tuner
Video selector	:vcr
Tape 1/md	:tape 1
Ld/dvd(C-V300/V350)	:ld
Tape 2/monitor	:off
Fl display mode	:selector
Source direct	:off
Surround mode	:stereo
Dolby mode	:pro logic
Dsp mode	:Arena
Speaker level	:0dB
Balance	:Center
Input level	:0dB
Delay time	:20ms
Effect level	:3
Tone bass	:0dB
Tone treble	:0db
Tuning mode	:Auto
Preset memory	:Test frequency
Last band	:FM
Fm last frequency	:87.5MHz
Am (mw) last frequency	:531kHz (channel space 9kHz) :530kHz (channel space 10kHz)
Lw last frequency	:153kHz
Last P.ch	:-ch
PTY select mode(C-V150/V350)	:off
RDS display mode	:frequency
TA/NEWS/INFO	:off
Clock	:A.M.12:00
Timer	:off
Sleep timer	:off
Voice activation key word	:KENWOOD
Voice activation	:on

*Initial setting : While pressing the CD key, plug the power cord into the ac power outlet.

CIRCUIT DESCRIPTION

3. Main microprocessor uPD 780205GF031 (X11 : IC6) : C-V100/V300
uPD 780206GF019 (X11 : IC6) : C-V150/V350

3-1 Microprocessor periphery block diagram



3-2 Key matrix

No. into ◯: Pin No. of main u-COM

	② KR3	③ KR2	④ KR1	⑤ KR0
⑬ KS0	(S.DIRECT)	(STEREO)	(DSP)	(DOLBY)
⑭ KS1	VOICE ON / OFF	DISPLAY (RDS)	PTY	TA / NEWS / INFO.
⑮ KS2	MODE	MULTI LEVEL ◁	MULTI LEVEL ▷	(OPEN / CLOSE)
⑯ KS3	CLOCK SET	AUTO MEMORY	BAND	AUTO
⑰ KS4	TUNING △	TIMER SET	INPUT ◁	INPUT ▷
⑱ KS5	TUNING ▽	TIMER MODE	ON / STANDBY	TAPE 2 (MONITOR)
KS6				
⑧① KS7	DSW0 / D15	DSW1 / D14	DSW2 / D13	DSW3
⑧② KS8	DSW4 / D16			

- ( ) : C-V300/V350 function
- DSW1 ~ DSW4 : Tuner distinction
- DSW5 : C-V100/V150 or C-V300/V350 Model distinction
- PTY, TA / NEWS / INFO, DISPLAY (RDS) : RDS function model (C-V150/V350)

CIRCUIT DESCRIPTION

3-3 Pin description

Pin No.	Port Name	I/O	Description	
1	Vdd	I	Power supply (+5V)	
2~5	KR3-0	I	key return 3 ~ 0	
6,7	ENC_VOL1,2	I	Encoder pulse detect1, 2	
8	/HP_DET	I	Headphone detect	L : Yes
9	/CE	I	Chip enable	L : Enable
10	/RESET	I	Microprocessor reset	L : Reset
11,12	X1,2	I	Clock generator	
13	IC(vpp)	–	Connect to Vss	
14,15	XT1,2	–	Sub clock generator	
16	Vdd	–	Power supply (+5V)	
17	/HP_MUTE	O	Mute of headphones	
18	PROTECTION	I	Protection detection	
19	SBUSY	I/O	Serial data busy	
20	SDATA	I/O	Serial data	
21	DSP_CLK	O	Clock for DSP	
22	DSP_DATA	O	Data for DSP	
23	DSP_ST	O	Strobe for DSP	
24	/MUTE	O	Mute control	L : Mute on
25	Avss	–	GND of a/d converter	
26	PLL_DO	O	Pll do	
27	PLL_CE	O	Chip enable for pll	
28	PLL_DATA	O	Data detection for pll	
29	PLL_CLK	O	Clock for pll	
30	/T_MUTE	O	Mute for tuner	L : Mute on
31	/STEREO	I	Stereo signal detection	L : Stereo
32	/SD	I	Synchro signal detection	L : SD detection
33	RDS_SLEVEL	I	Signal level of rds	
34	Avdd	–	Analog power supply for a/d converter	
35	Avref	–	Reference voltage for a/d converter	
36	RDS_CLK	I	Clock for rds	
37	RDS_DATA	I	Data for rds	
38	DOOR_LED	O	Door led automatic light key	
39	REMOCON_IN	I	Input port of remote control signal	
40	Vss	–	GND	
41	+10dB_ATT	O	+10dB attenuator	L : Att on
42	VOL_DATA	I/O	Electric volume control data	
43	INPUT_LEVEL	O	0/-6dB switch of input level	
44	DOOR_DET1	I	Door open detection switch	
45	DOOR_DET2	I	Door close detection switch	
46	Vdd	–	Power supply (+5V)	
47	M_OPEN	O	Motor open function	
48	M_CLOSE	O	Motor close function	
49	CS_RELAY	O	Center and surround speaker relay control	L : C, Sch off
50	F_RELAY	O	Front and sub-woofer speaker relay control	L : L, R, Switch off
51	TC9215	O	2/6ch switch of input	L : 2ch
52	REM_RWRREQ	O	Rewrite request signal of left-right remote control data	L : Request
53	REM_PWR	I	Rewrite in signal of left-right remote control data	L : rewrite-in

CIRCUIT DESCRIPTION

Pin No.	Port Name	I/O	Description
54	REM_REREN	I	Transmit signal of left-right remote control dat L : Transmission
55~62	INP0-7	O	Remote control data bits 0-7
63	VOICE_CTRL	O	Voice activation/standby led
64	SEL_STB1	O	Strobe signal for selector ic
65	SEL_DATA	O	Data signal for selector ic
66	SEL_CLK	O	Clock signal for selector ic
67	VOICE_CTRL	I	Input port of voice activation
68	VOL_CLK	O	Clock signal for electric volume
69~71	VSEL1-3	O	Video selector 1-3
72	POWER	O	Power relay control
73~78	SEG 11-16	O	Display segment control 11-16/key scan 0-5
79	Vload	–	Connect to pull down resistor
80	SEG10	O	Display segment control 10
81	SEG9	O	Display segment control 9/key scan 7(tuner selection)
82	SEG8	O	Display segment control 8/key scan8(model selection)
83~89	SEG1-7	O	Display segment control 1-7
90~100	GRID1-11	O	Display grid control 1-11

3-4 DESTINATION LIST OF TUNER

Destination	Band	Frequency Range	Channel space	IF	PLL Frequency	Diode SW (X11)			
						DSW3	DSW2 (D13)	DSW1 (D14)	DSW0 (D15)
K1 (1700)	FM	87.5MHz ~ 108.0MHz	100kHz	-10.7MHz	50kHz	0	0	0	0
	AM	530kHz ~ 1700kHz	10kHz	+450kHz	10kHz				
K2 (1610)	FM	87.5MHz ~ 108.0MHz	100kHz	+10.7MHz	25kHz	0	0	0	1
	AM	530kHz ~ 1610kHz	10kHz	+450kHz	10kHz				
E1	FM	87.5MHz ~ 108.0MHz	50kHz	+10.7MHz	25kHz	0	0	1	1
	AM	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
E3 (RDS)	FM	87.5MHz ~ 108.0MHz	50kHz	+10.7MHz	25kHz	0	1	0	1
	AM	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
E4 (LW) (RDS)	FM	87.5MHz ~ 108.0MHz	50kHz	+10.7MHz	25kHz	0	1	1	0
	MW	531kHz ~ 1602kHz	9kHz	+450kHz	9kHz				
	LW	153kHz ~ 279kHz	9kHz	+450kHz	9kHz				
M	K2/E1 change only setting "DSW1" (DSW1 = 0 : K2, 1 : E1)					0	0	(Q3, D11) X	1

✡ Diode SW (DSWx) : 0 = no diode (static mode, LOW)
1 = diode (static mode, HIGH)
X = Transistor SW (0 = OFF/1 = ON)

3-5 MODEL DISTINCTION

• C-V350, 300/C-V150, 100

MODEL	DIODE SW (X11) D16
C-V150, 100	0
C-V350, 300	1

CIRCUIT DESCRIPTION

[TEST MODE]

1. SETTING

SETTING	While depressing the ◁ INPUT key, then plug the power cord into AC outlet. The display becomes the all lighting, then push a key. The display becomes normal.
CANCEL	POWER OFF (Remove the AC plug from the AC outlet)

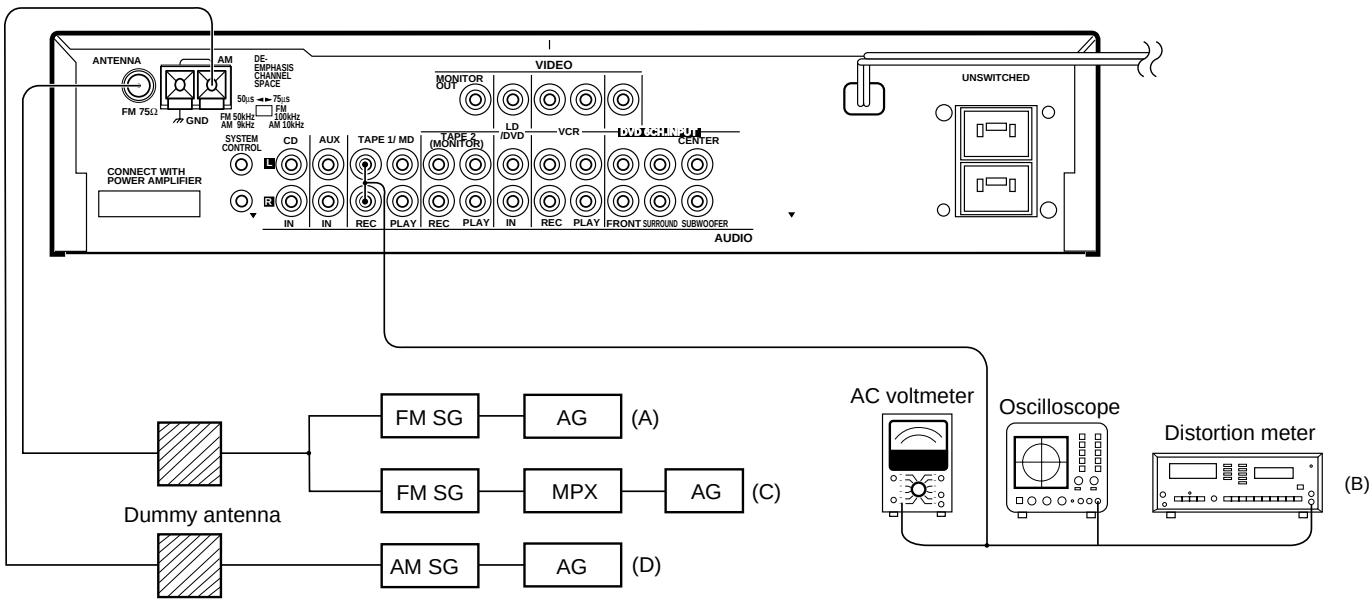
2. DESCRIPTION

	OPERATION KEY	TUNER	EXCEPT TUNER	REMARKS
1	◁ INPUT ▷	→ 00 87.50 ⟷ CD ⟷ LD ⟷ 6ch INPUT(C-V300/V350 only) ← → TAPE 1 ⟷ AUX ⟷ VCR ←		
2	TIMER SET	PRESET ch UP	PROLOGIC ⟷ 3 STEREO	
3	TIMER MODE	PRESET ch DOWN	→ ARENA → JAZZ CLUB → STADIUM ←	
4	CLOCK	FL lighting ON ⟷ OFF	STEREO MUTE ON ⟷ OFF	
5	DISPLAY	TIMER NO PS ⟷ 01 87.50		C-V150/V350
6	PTY	→ INPUT SELECTOR → OFF, S-LEVEL→ ON, S-LEVEL →		C-V150/V350
7	TA/NEWS/INFO	→ TA → NEWS → INFO →		C-V150/V350
8	STEREO	STEREO MUTE	ON ⟷ OFF	EXCEPT C-V100
9	□□	PRO LOGIC ON ⟷ OFF	PRO LOGIC ⟷ 3 STEREO (TEST TONE ON / OFF by AUTO key)	EXCEPT C-V100
10	A, MEMO	FREQUENCY UP		
11	AUTO	AUTO ON ⟷ OFF	SOURCE DIRECT ON ⟷ OFF	STEREO
12	MODE	Key / MODE: BASS → TREBLE → LR BALANCE → SW ch → INPUT → BASS LEVEL: DOWN⟷UP; INPUT: -6dB⟷0dB	key / MODE: VOLUME → SP. SW → DELAY → INPUT → EFFECT → L. R BALANCE → TONE → VOLUME LEVEL: INPUT -6dB⟷0dB; L. R BALANCE DOWN⟷UP TUNING: VOLUME -89dB⟷0dB; SP. SW MIN⟷MAX; DELAY 15⟷30; INPUT -6dB⟷0dB; EFFECT 1⟷5; L. R BALANCE Lmax⟷Rmax; TONE MIN⟷MAX BAND: VOLUME -40dB; SP. SW 0dB; DELAY 20; INPUT 0; EFFECT 3; L. R BALANCE CENTER; TONE FLAT	

ADJUSTMENT

No.	ITEM	INPUT SETTING	OUTPUT SELECTOR	TUNER/AMP SETTING	ALIGNMENT POINTS	ALIGN FOR	FIG.
SELECTOR : FM							
1	DISCRIMINATOR L31↔L32 (E, T only)	(A) 98.0MHz 1kHz, ±40kHz dev (E, T type) 60dBu (ANT INPUT)	Connect a DC voltmeter between port of CN2	AUTO 98.0MHz	L31 (X05-)	0V	(a)
			(B)		L32 (X05-)	Minimum distrotion	
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz, ±40kHz dev pilot: ±6kHz dev 60dBu (ANT INPUT)	(B)	AUTO (98.0MHz)	IFT (W02-)	Mininum distrotion	(a)

(a)

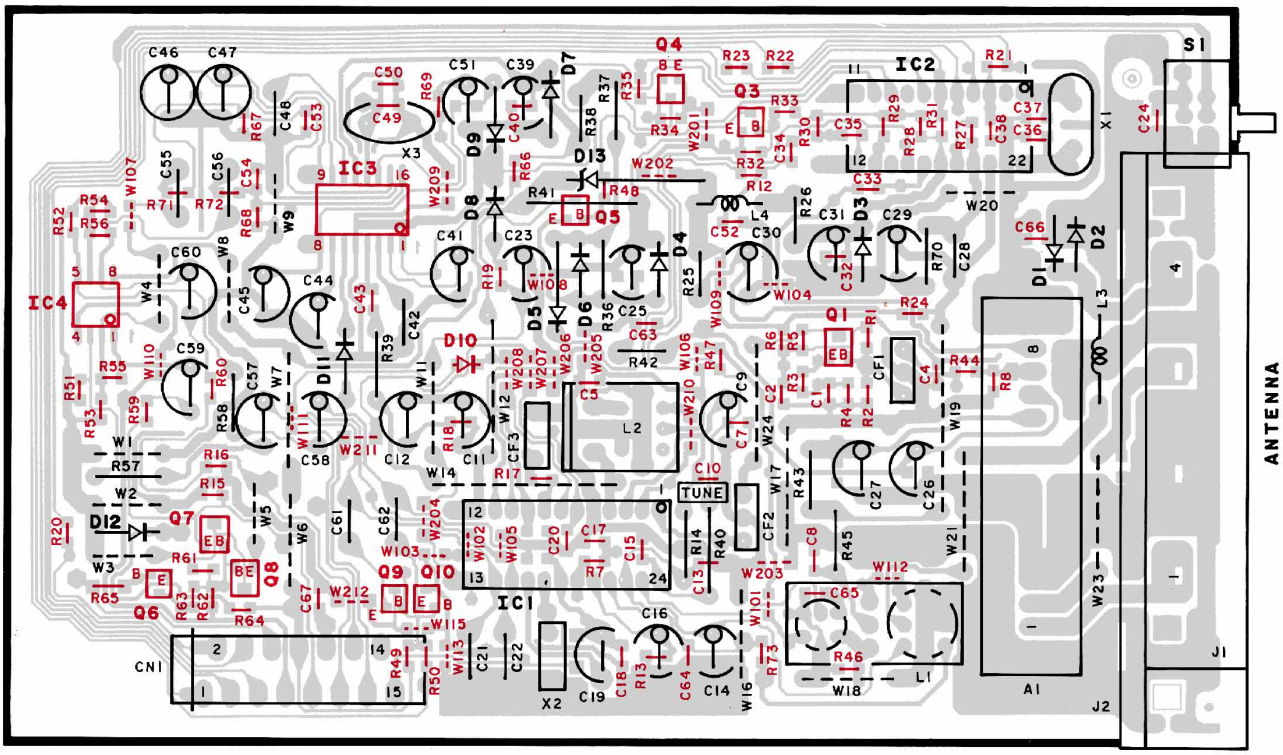


ERROR MESSAGE

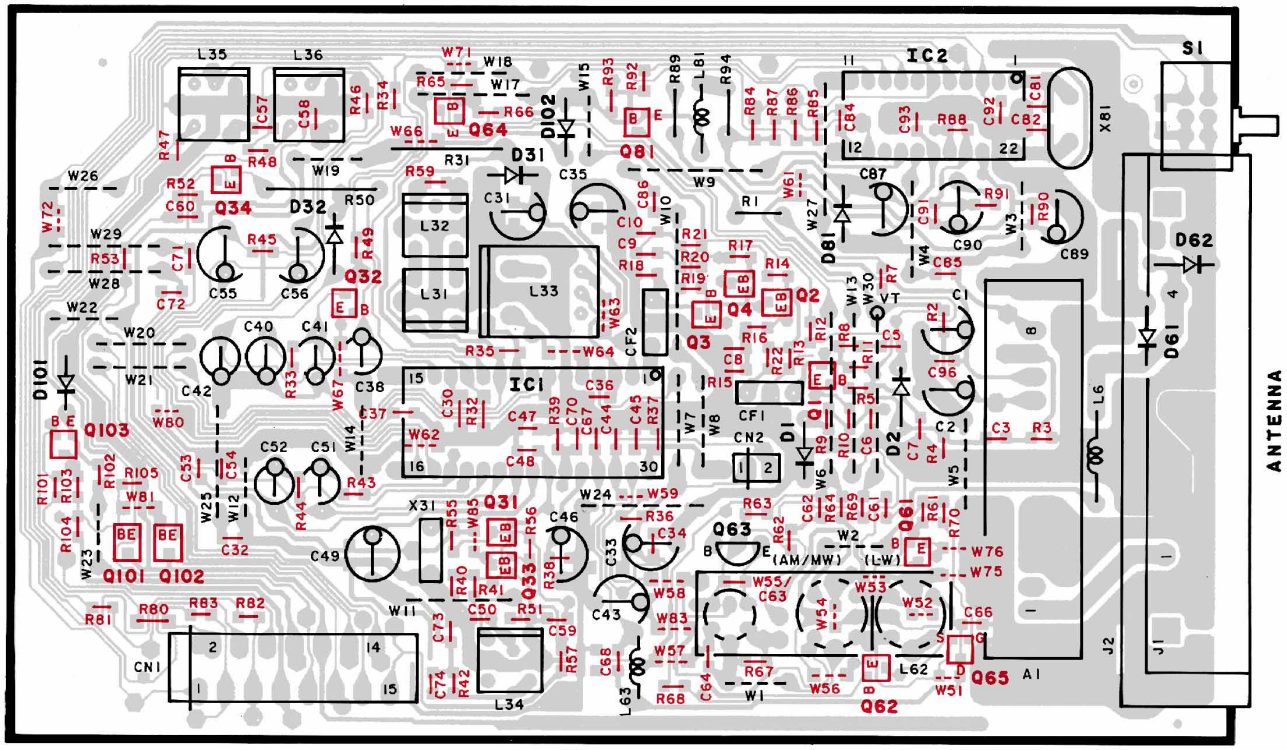
DISPLAY	DESCRIPTION
ERR 1	Main u-com sub clock no output
ERR 2	Main u-com sub clock frequency NG

PC BOARD (Compornent side view)

(X05-4670-20) J70-0959-11

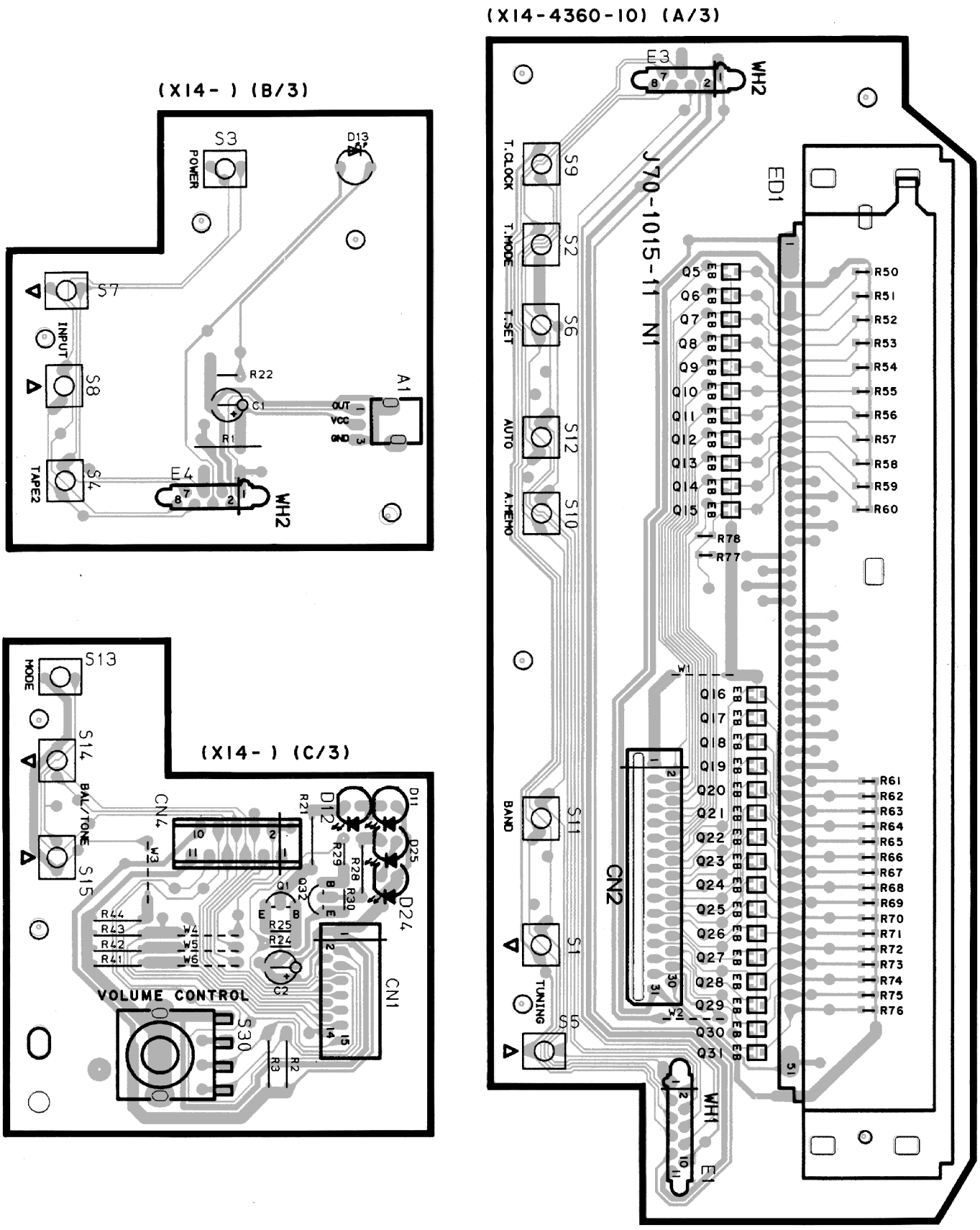


(X05-468X-XX) J70-0960-21



Refer to the schematic diagram for the value of resistors and capacitors.

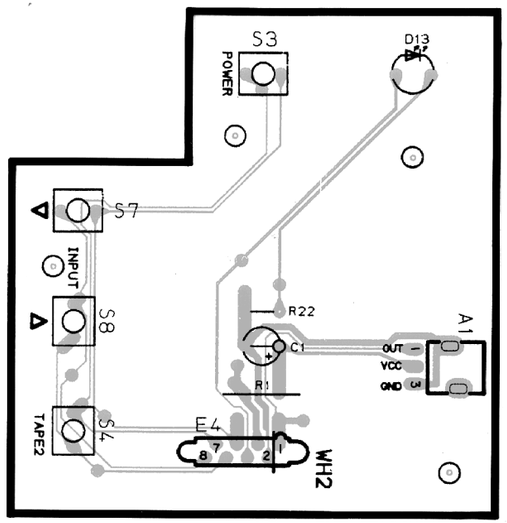
PC BOARD (Compornent side view)



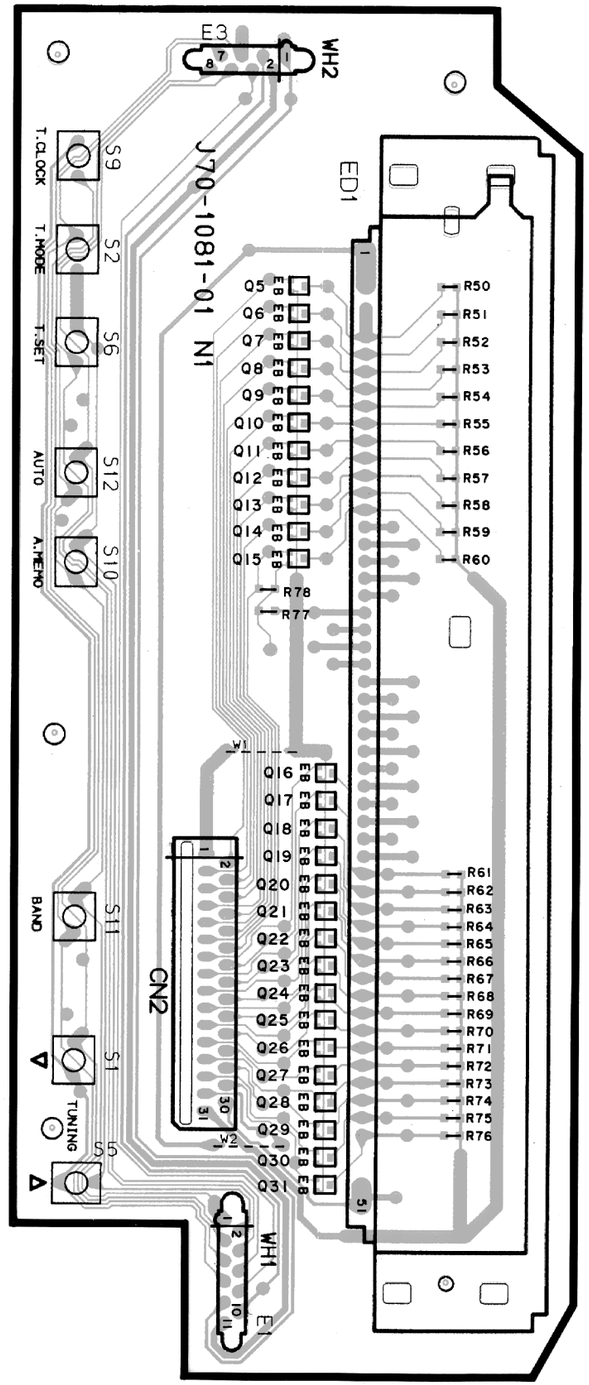
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view)

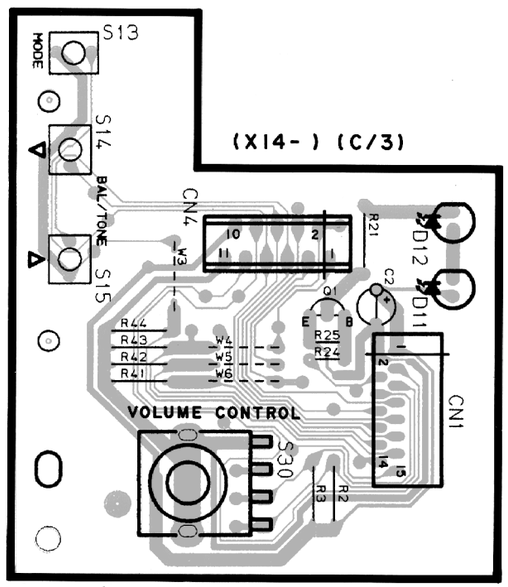
(X14-) (B/3)



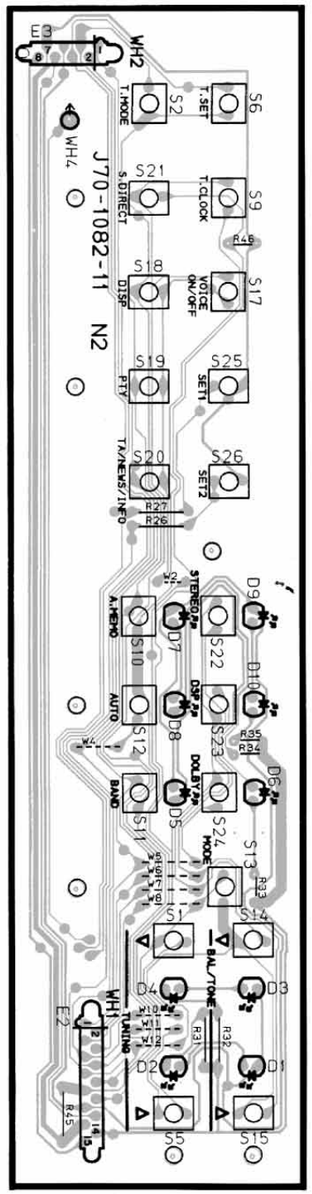
(X14-4500-20) (A/3)



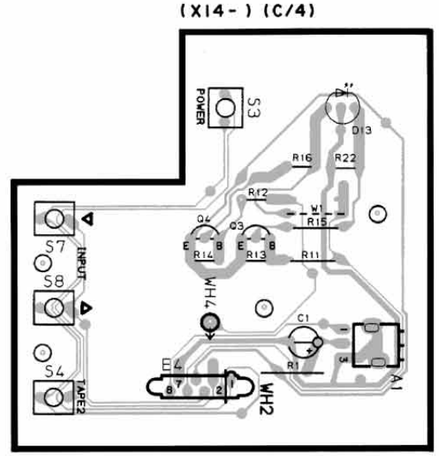
(X14-) (C/3)



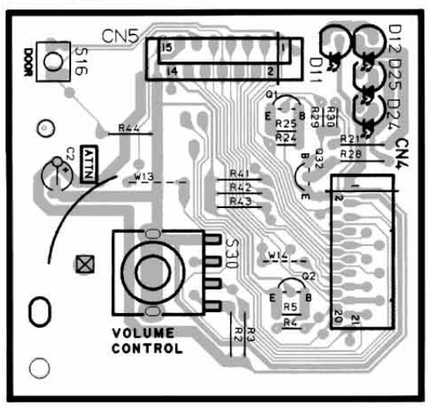
(X14-4372-70) (A/4)
(X14-4510-20) (A/4)



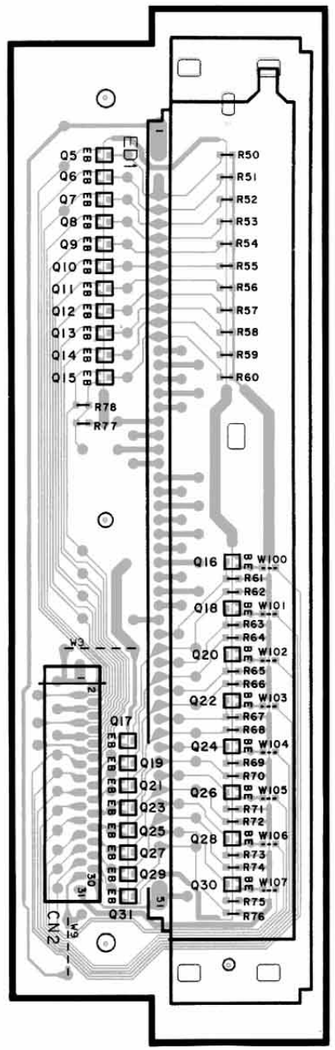
(X14-) (C/4)

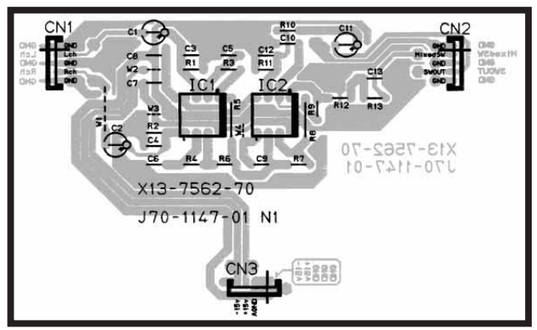


(X14-) (B/4)



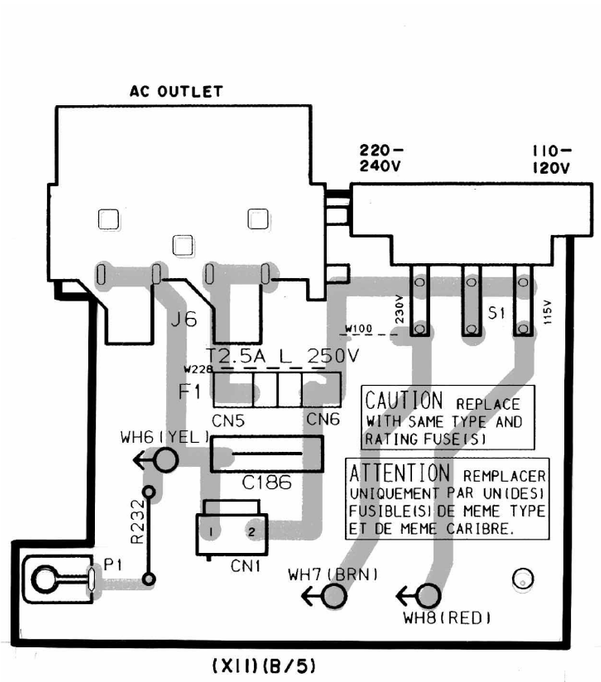
(X14-) (D/4)



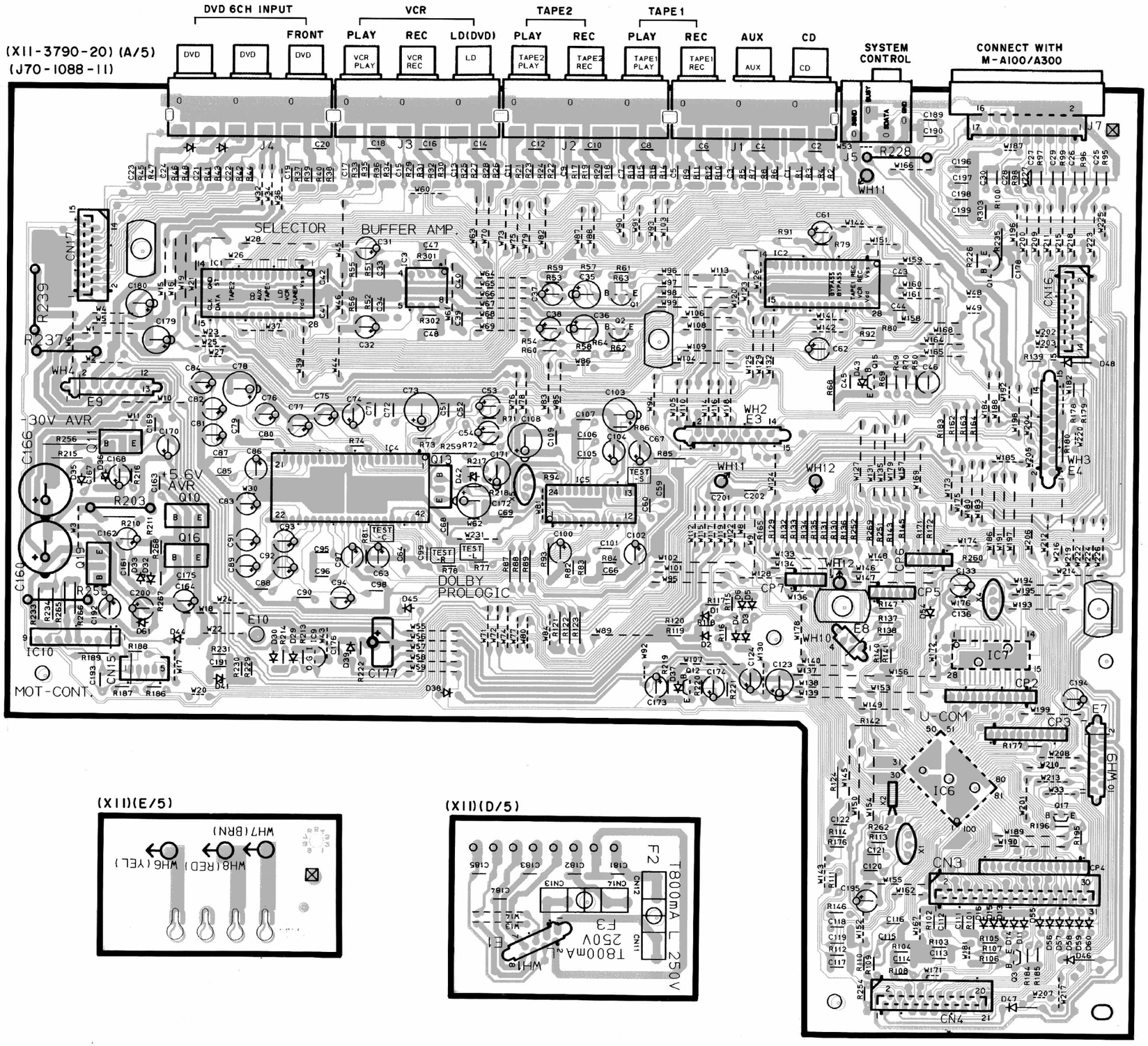


Refer to the schematic diagram for the value of resistors and capacitors.

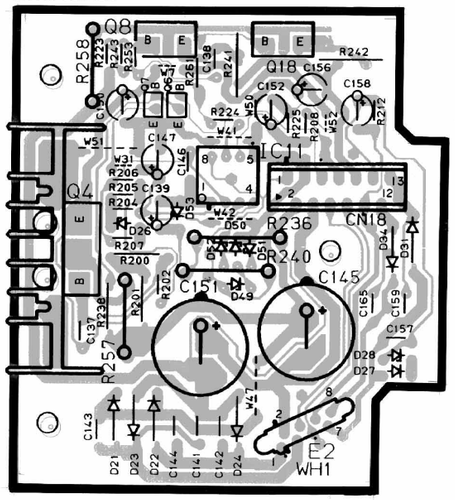
PC BOARD(Component side view)



(XII)(B/5)



(XII)(C/5)



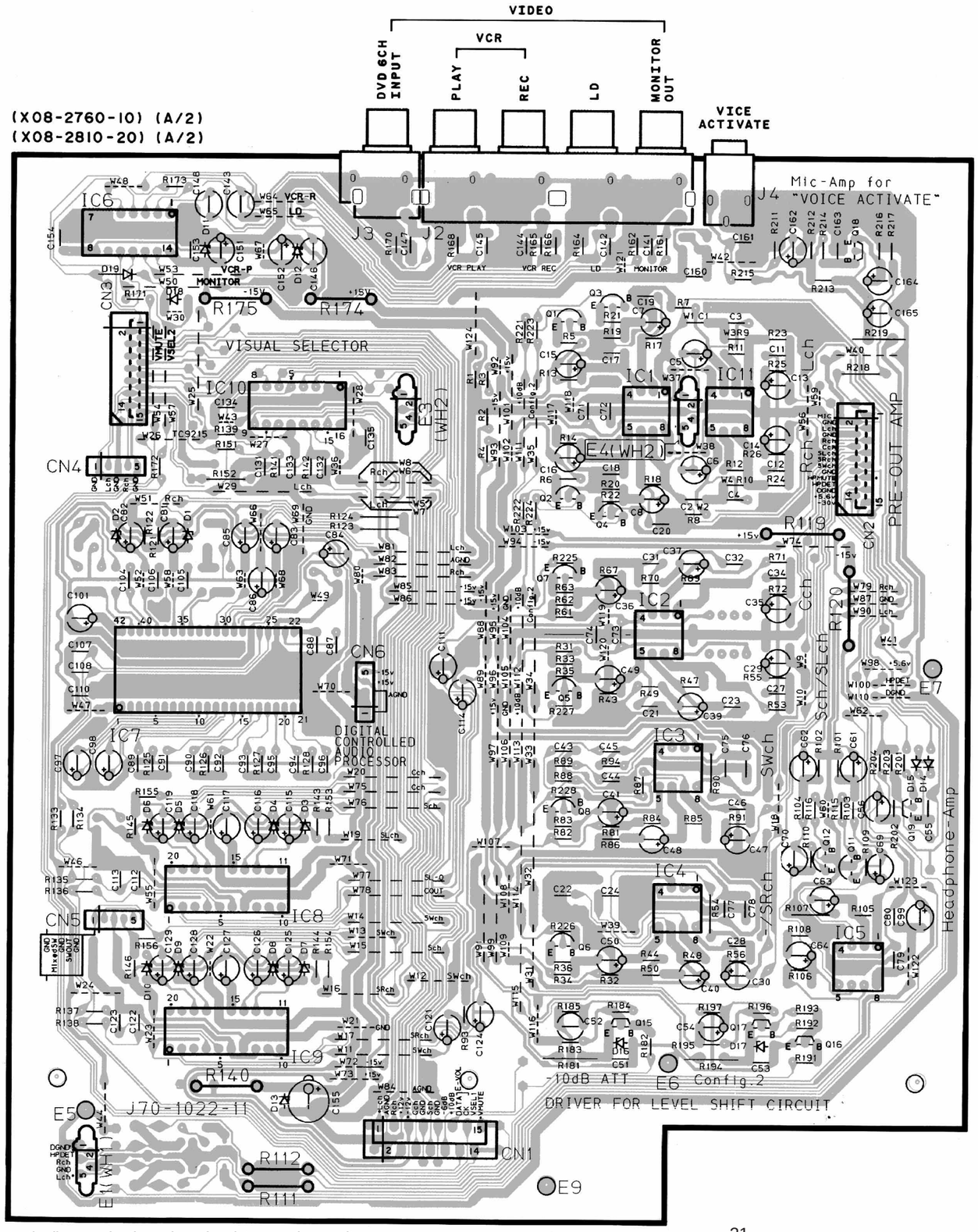
(XII)(E/5)

(XII)(D/5)

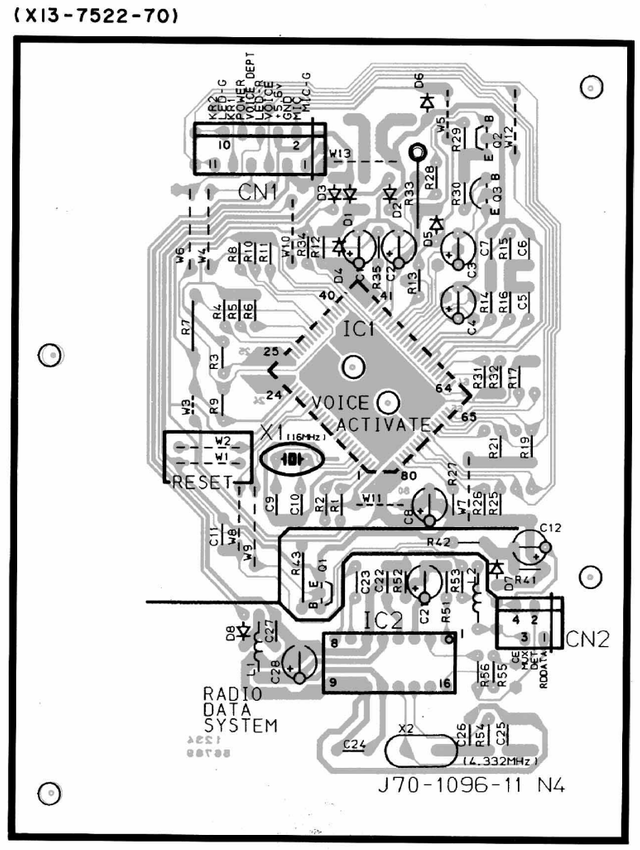
Refer to the schematic diagram for the value of resistors and capacitors.

PC BOARD(Component side view)

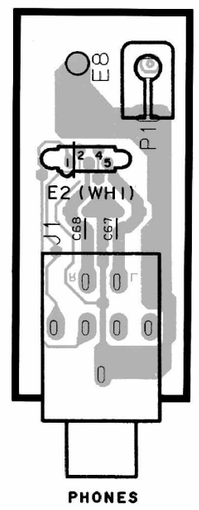
(X08-2760-10) (A/2)
(X08-2810-20) (A/2)



(X13-7522-70)



(X08-) (B/2)



Refer to the schematic diagram for the value of resistors and capacitors.

(X05-4670-XX) : C-V100/C-V300 (Y,M,I,C,X) TYPE

A1 (W02-2582-05) FM FRONT END

VT VOLTAGE

BAND	FREQ.	VT
FM	LF	1.6V
	HF	7.6V
AM	LF	1.4V
	HF	5.2V

LF: LOWEST FREQUENCY
HF: HIGHEST FREQUENCY

C-V100

DESTINATION		UNIT No.	A	J2
COUNTRY	ABB.			
PX	Y	X05-4670-20	YES	F10-1098
GENERAL MARKET	M	X05-4670-21	YES	F10-1101
MALAYSIA	I			
CHINA	C			
AUSTRALIA	X	X05-4670-72	NO	

C-V300

DESTINATION		UNIT No.	A	J2
COUNTRY	ABB.			
GENERAL MARKET	M	X05-4670-21	YES	F10-1101
MALAYSIA	I			
CHINA	C			
AUSTRALIA	X	X05-4670-72	NO	

IC1 : LA1832
IC2 : LC72131
IC4 : NJM4565M

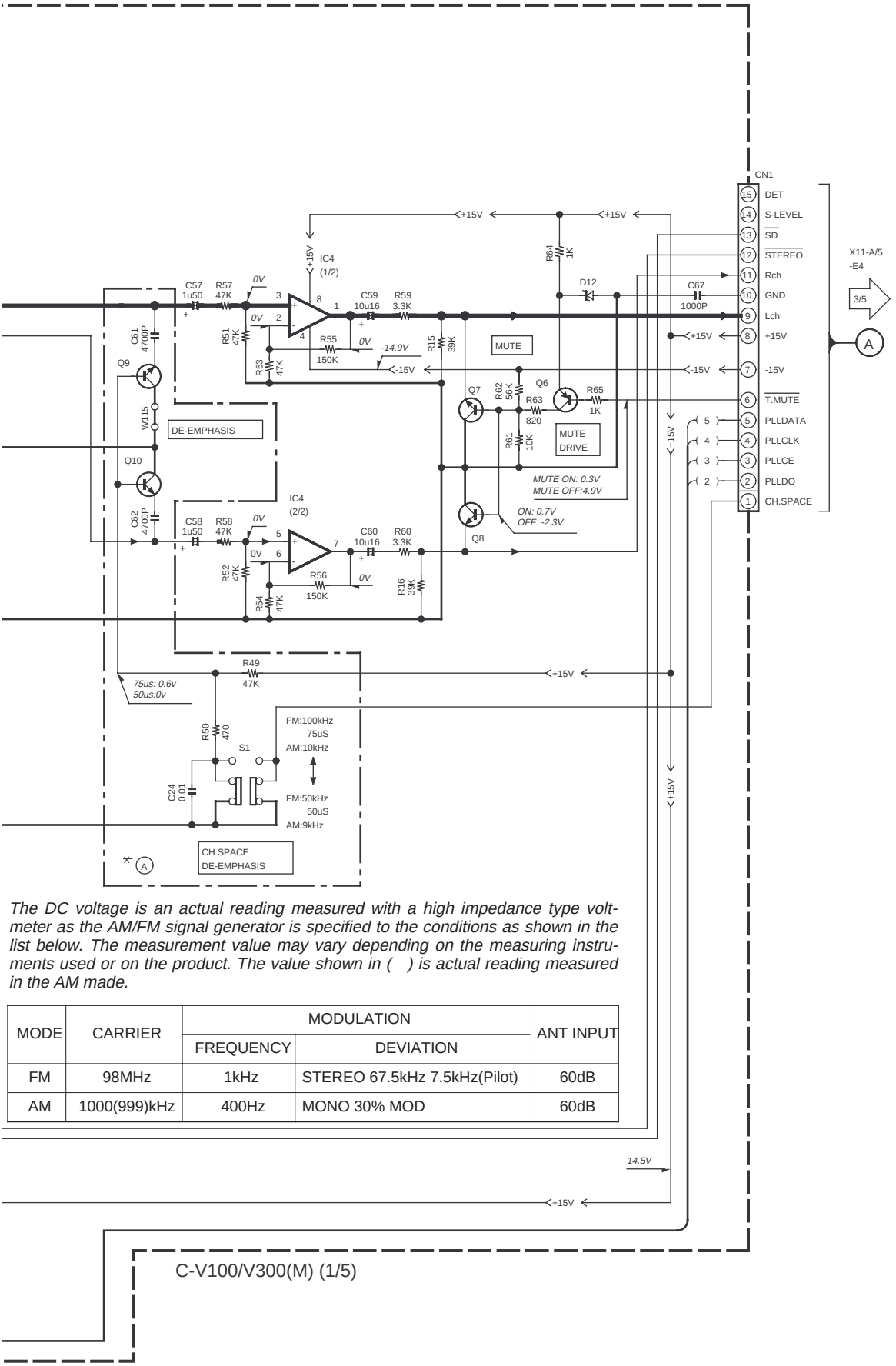
Q1 : 2SC2714(R,O)
Q3,6 : 2SA1576A(R,S) or 2SA1586(Y,GR) or 2SB1218A(Q,R)
Q5,9,10 : 2SC4081(R,S) or 2SC4116(Y,GR) or 2SD1819A(Q,R)
Q7,8 : 2SD1757K or 2SD2114K

D1,2,8 : 1SS133 or HSS104
D3,4 : RD5.1ES(B2) or HZS5.1N(B2) or MTZJ5.1(B) or UZ-5.1BSB
D10 : MA111
D12 : RD3.3ES(B2) or HZS3.3N(B2) or MTZJ3.3(B) or UZ-3.3BSB
D13 : RD2.7ES(B2) or HZS2.7N(B2) or MTZJ2.7(B) or UZ-2.7BSB

FET : 2SK302
TR1 : 2SC2714
TR2,3 : 2SC2413
D1-3 : HVU202 or 1T362

SIGNAL LINE
GND LINE
+B LINE
-B LINE

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*



C-V100/V300(M) (1/5)

The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM made.

MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

C-V150/V350 (X05-468X-XX)

DESTINATION		UNIT No.	Ⓐ - Ⓒ	R3	R16, 20	R61-66, 68,70	C53, 54	C62, 63	C73	Q61-65	CF1,2	L62	W11	W6,13, 56,76	W51,52, 54,55
COUNTRY	ABB.														
EUROPE	E	2-71	YES	1.8K	10	NO	0.022	NO	NO	NO	L72-0536 (MS3)	L39-1351	NO	NO	YES
U.K.	T	0-51				YES		YES		YES		L39-1352		YES	NO

C-V100 (X05-4680-10)

DESTINATION		UNIT No.	Ⓐ - Ⓒ	R3	R16, 20	R61-66, 68,70	C53, 54	C62, 63	C73	Q61-65	CF1,2	L62	W11	W6,13, 56,76	W51,52, 54,55
COUNTRY	ABB.														
U.S.A. CANADA	K P	0-10	NO	560	15	NO	0.033	NO	YES	NO	L72-0596 (MS2)	L39-1351	YES	NO	YES

(X05-468X-XX) C-V100/V150/V350 (K,P,T,E) TYPE

SIGNAL LINE
GND LINE
+B ← +B LINE
+B ← -B LINE

(K,P) TYPE

A1 (W02-2582-05)

FET : 2SK302
TR1 : 2SC2714
TR2,3 : 2SC2413
D1-3 : HVU202 or 1T362

(T,E) TYPE

A1 (W02-2584-05): (T,E) TYPE

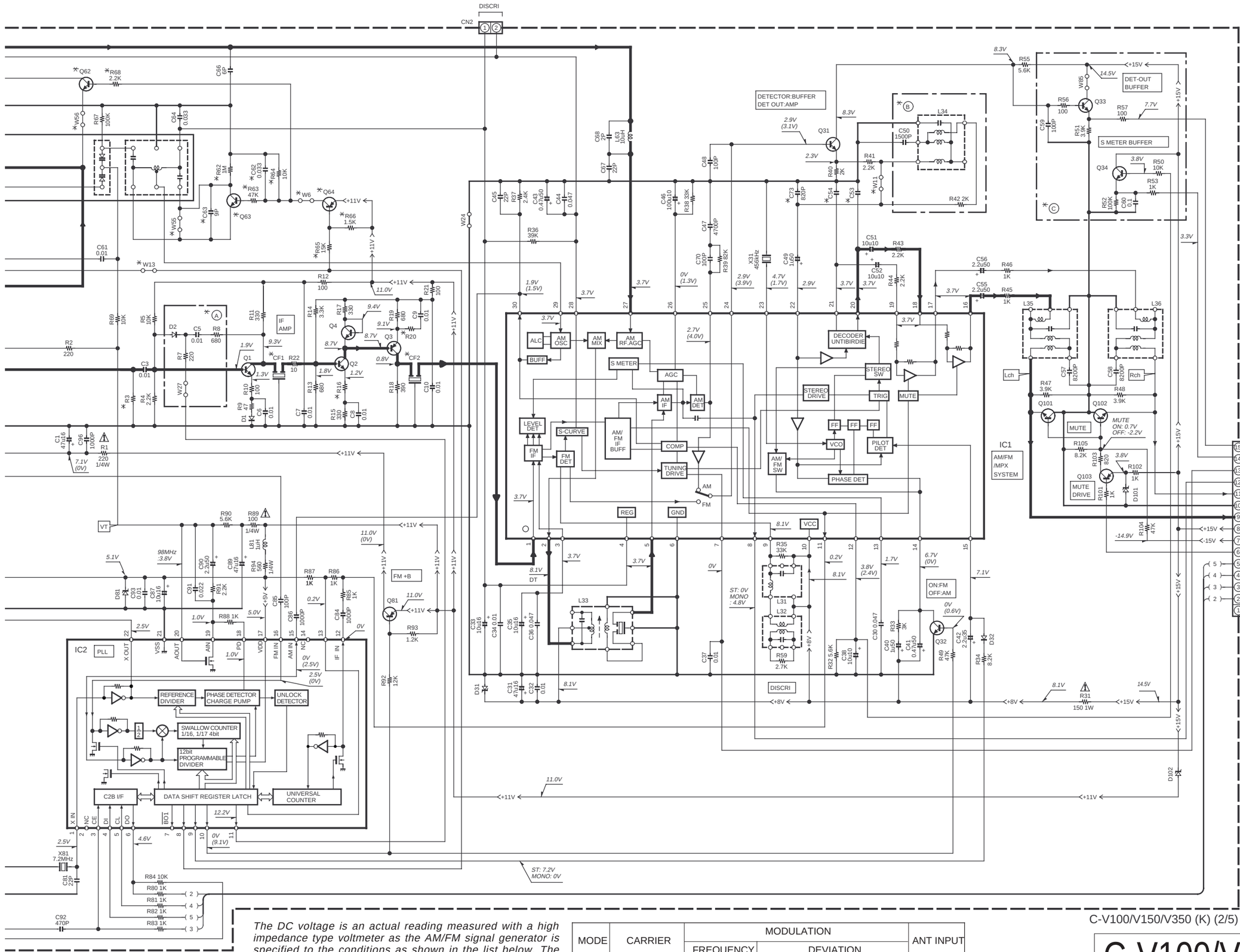
FET1 : 2SK302
TR1 : 2SC2714
TR2,3 : 2SC2413
D1-4 : SVC220 or KV1440

IC1	: LA1836	D1,2,32,61,62	: 1SS133 or HSS104
IC2	: LC72131	D31	: RD8.2ES(B2) or HZS8.2N(B2)
Q1,2,4,31-34,61,62	: 2SC4081(R,S) or 2SC4116(Y,GR)	D81	: RD5.1ES(B2) or HZS5.1(B2)
Q3,64,81,103	: 2SA1576A(R,S) or 2SA1586(Y,GR)	D101	: RD3.3ES(B2) or HZS3.3N(B2)
Q63	: 2SC2878(B)	D102	: RD2.7ES(B2) or HZS2.7N(B2)
Q65	: 2SK302(Y,GR)		
Q101,102	: 2SD1757K		

VT VOLTAGE

BAND	FREQ.	VT
FM	LF	1.6V
	HF	7.8V
AM	LF	1.3V
	HF	5.0V

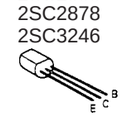
LF: LOWEST FREQUENCY
HF: HIGHEST FREQUENCY



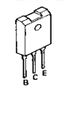
CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

2SC2003
2SC2878
2SC3246

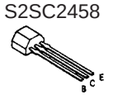


2SD1894



2SA1175
2SC2785

DTC124ESA
2SA1048
2SC1740
S2SC2458

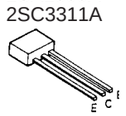


UN5119
2SA15862
SB1218A2
SC2714
2SC4081

2SC4116
2SD1819A
2SD2114K

2SB1370
2SD2061

UN4212
2SA1309A
2SC3311A



The DC voltage is an actual reading measured with a high impedance type voltmeter as the AM/FM signal generator is specified to the conditions as shown in the list below. The measurement value may vary depending on the measuring instruments used or on the product. The value shown in ( ) is actual reading measured in the AM made.

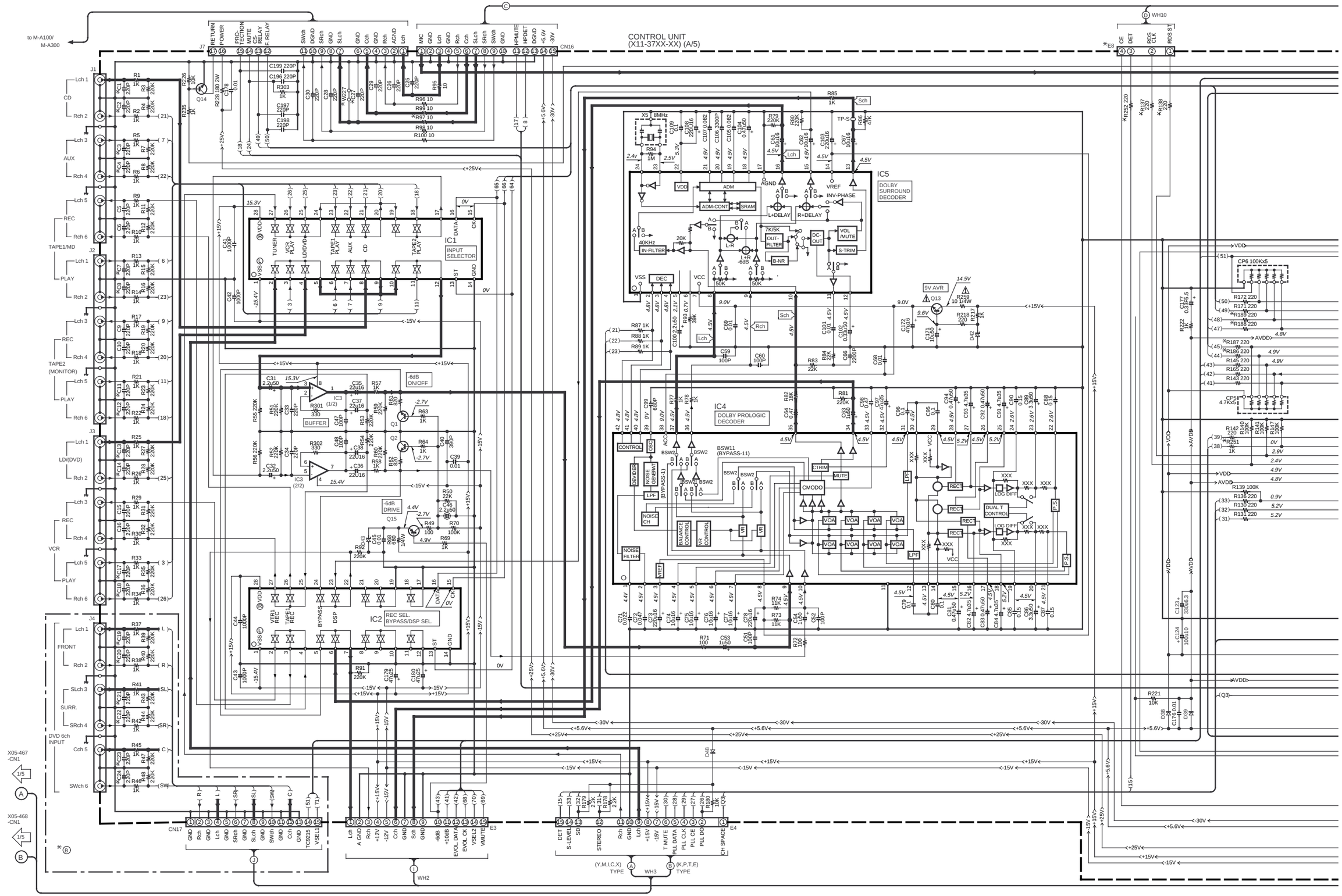
MODE	CARRIER	MODULATION		ANT INPUT
		FREQUENCY	DEVIATION	
FM	98MHz	1kHz	STEREO 67.5kHz 7.5kHz(Pilot)	60dB
AM	1000(999)kHz	400Hz	MONO 30% MOD	60dB

C-V100/V150/V350 (K) (2/5)

Y05-3370-10

C-V100/V150/V300/V350

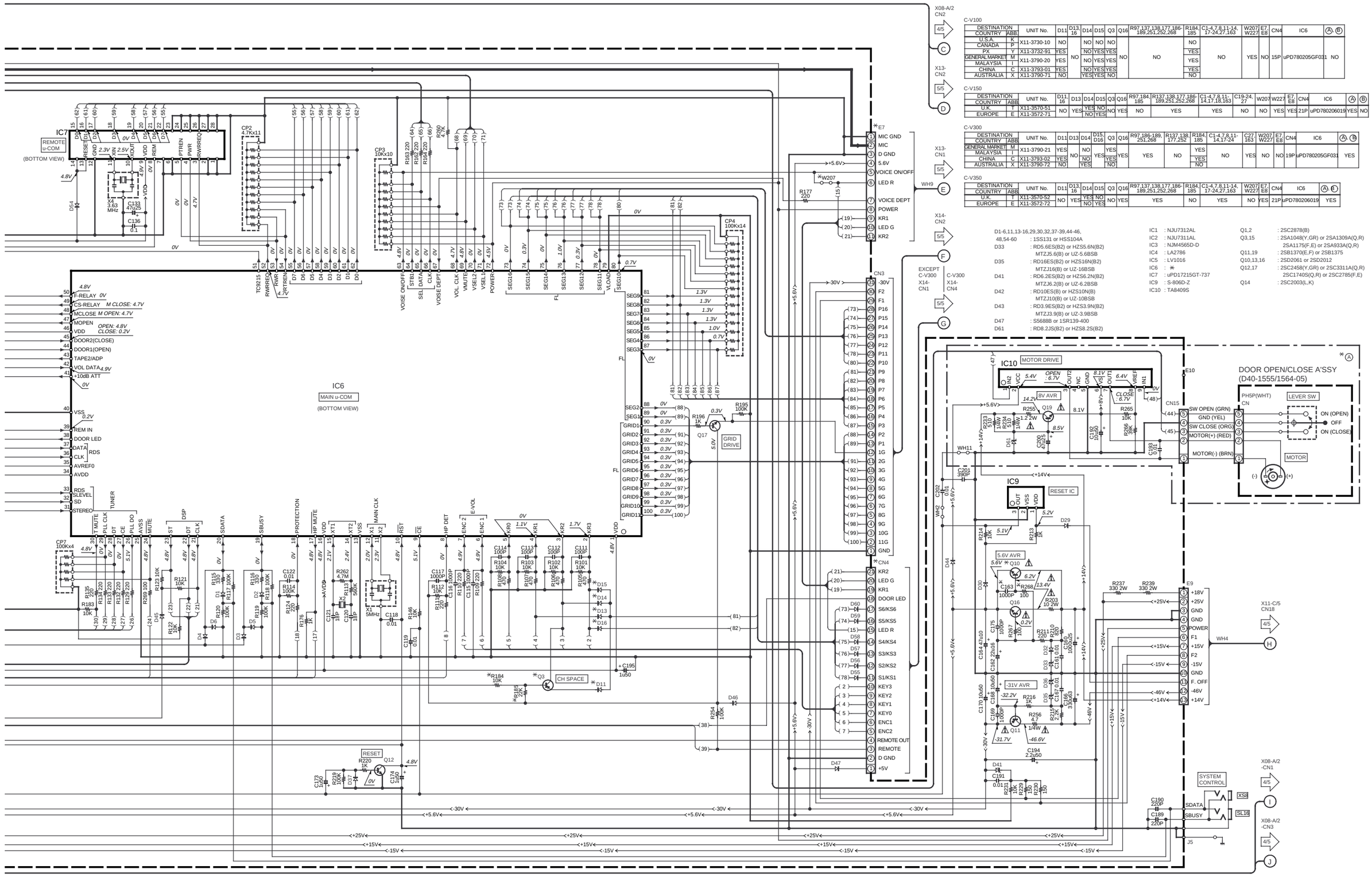
KENWOOD



CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Noise reduction circuit made under license from Dolby Laboratories Licensing Corporation.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.



C-V100

DESTINATION	ABB	UNIT No.	D11	D13 16	D14	D15	Q3	Q16	R97,137,138,177,186-189,251,252,268	R184 185	C1-4,7,8,11-14, 17-24,27,163	W207 W227	E7 E8	CN4	IC6	Ⓐ	Ⓑ
U.S.A.	K	X11-3730-10	NO		NO	NO	NO			NO							
CANADA	P	X11-3732-91	YES		NO	YES	YES			YES							
PX	Y	X11-3790-20	YES	NO	NO	YES	YES	NO	NO	YES	NO	YES	NO	15P	uPD780205GF031	NO	
GENERAL MARKET	M	X11-3793-01	YES		NO	YES	YES			YES							
MALAYSIA	I	X11-3790-71	NO		YES	YES	NO			NO							

C-V150

DESTINATION	ABB	UNIT No.	D11 16	D13	D14	D15	Q3	Q16	R97,184 185	R137,138,177,186-189,251,252,268	C1-4,7,8,11-14,17,18,163	C19-24, 27	W207	W221	E7, E8	CN4	IC6	Ⓐ	Ⓑ
U.K.	T	X11-3570-51	NO	YES	YES	NO	NO	YES	NO	YES	YES	NO	NO	YES	YES	21P	uPD780206019	YES	NO
EUROPE	E	X11-3572-71			NO	YES													

C-V300

DESTINATION	ABB	UNIT No.	D11	D13	D14	D15, D16	Q3	Q16	R97,186-189, 251,268	R137,138 177,252	R184 185	C1-4,7,8,11-14,17-24	C27 163	W207 W227	E7, E8	CN4	IC6	Ⓐ	Ⓑ
GENERAL MARKET	M	X11-3790-21	YES	NO	NO	YES	YES	YES	YES	NO	YES	NO	YES	NO	NO	19P	uPD780205GF031	YES	
MALAYSIA	I	X11-3793-02	YES		NO						YES								
CHINA	C	X11-3793-72	NO		YES						NO								
AUSTRALIA	X																		

C-V350

DESTINATION	ABB	UNIT No.	D11	D13 16	D14	D15	Q3	Q16	R97,137,138,177,186-189,251,252,268	R184 185	C1-4,7,8,11-14, 17-24,27,163	W207 W227	E7 E8	CN4	IC6	Ⓐ	Ⓑ
U.K.	T	X11-3570-52	NO	YES	YES	NO	NO	YES	YES	NO	YES	NO	YES	21P	uPD780206019	YES	
EUROPE	E	X11-3572-72			NO	YES											

D1-6,11,13-16,29,30,32,37-39,44-46, 48,54-60 : 1SS131 or HSS104A
D33 : RD5.6ES(B2) or HZS5.6N(B2) MTZJ5.6(B) or UZ-5.6BSB
D35 : RD16ES(B2) or HZS16N(B2) MTZJ16(B) or UZ-16BSB
D41 : RD6.2ES(B2) or HZS6.2N(B2) MTZJ6.2(B) or UZ-6.2BSB
D42 : RD10ES(B) or HZS10N(B) MTZJ10(B) or UZ-10BSB
D43 : RD3.9ES(B2) or HZS3.9N(B2) MTZJ3.9(B) or UZ-3.9BSB
D47 : SS688B or 1SR139-400
D61 : RD8.2JS(B2) or HZS8.2S(B2)

IC1 : NJU7312AL
IC2 : NJU7311AL
IC3 : NJM4565D-D
IC4 : LA2786
IC5 : LV1016
IC6 : ✻
IC7 : uPD17215GT-737
IC9 : S-806D-Z
IC10 : TA8409S

Q1,2 : 2SC2878(B)
Q3,15 : 2SA1048(Y,GR) or 2SA1309A(Q,R) 2SA1175(F,E) or 2SA933A(Q,R)
Q11,19 : 2SB1370(E,F) or 2SB1375
Q10,13,16 : 2SD2061 or 2SD2012
Q12,17 : 2SC2458(Y,GR) or 2SC3311A(Q,R) 2SC1740S(Q,R) or 2SC2785(F,E)
Q14 : 2SC2003(L,K)

C-V100/V150/V300/V350 (K) (3/5)

Y05-3370-10

C-V100/V150/V300/V350

KENWOOD

PRE AMP UNIT
(X08-2XXX-XX) (A/2)

X11-A/5 -CN16 3/5 C
X11-A/5 E3 3/5 I
X11-A/5 -CN17 3/5 J
X11-A/5 -E9 3/5 H

CN1 VMUTE VSEL2 EBOL.CK EBOL.DATA +10dB -6dB GND Sch GND Cch -15V +15V Rch AGND Lch

CN5 GND M/KEDSW GND SWOUT GND
CN6 AGND AGND AGND +15V -15V

CN3 VSEL1 TC9215 GND Cch GND SWch GND SLch GND SRch GND Lch GND Rch GND

CN4 GND Lch GND Rch GND

IC10 SW3 SW3' SW2 SW1 SW4 SW4' 2ch(L,R)/6ch SEL 100Hz HPF ON/OFF

IC7 ELECTRIC VOLUME TONE CONTROL (L,R,SW)

IC8 ELECTRIC VOLUME (C,S/SL) SUPPLY INPUT SELECTOR SERIAL BUS DECODER+ LATCHES VOLUME+ LOUDNESS MUTE SOFT MUTE

IC9 ELECTRIC VOLUME (SW,SR) SUPPLY INPUT SELECTOR SERIAL BUS DECODER+ LATCHES VOLUME+ LOUDNESS MUTE SOFT MUTE

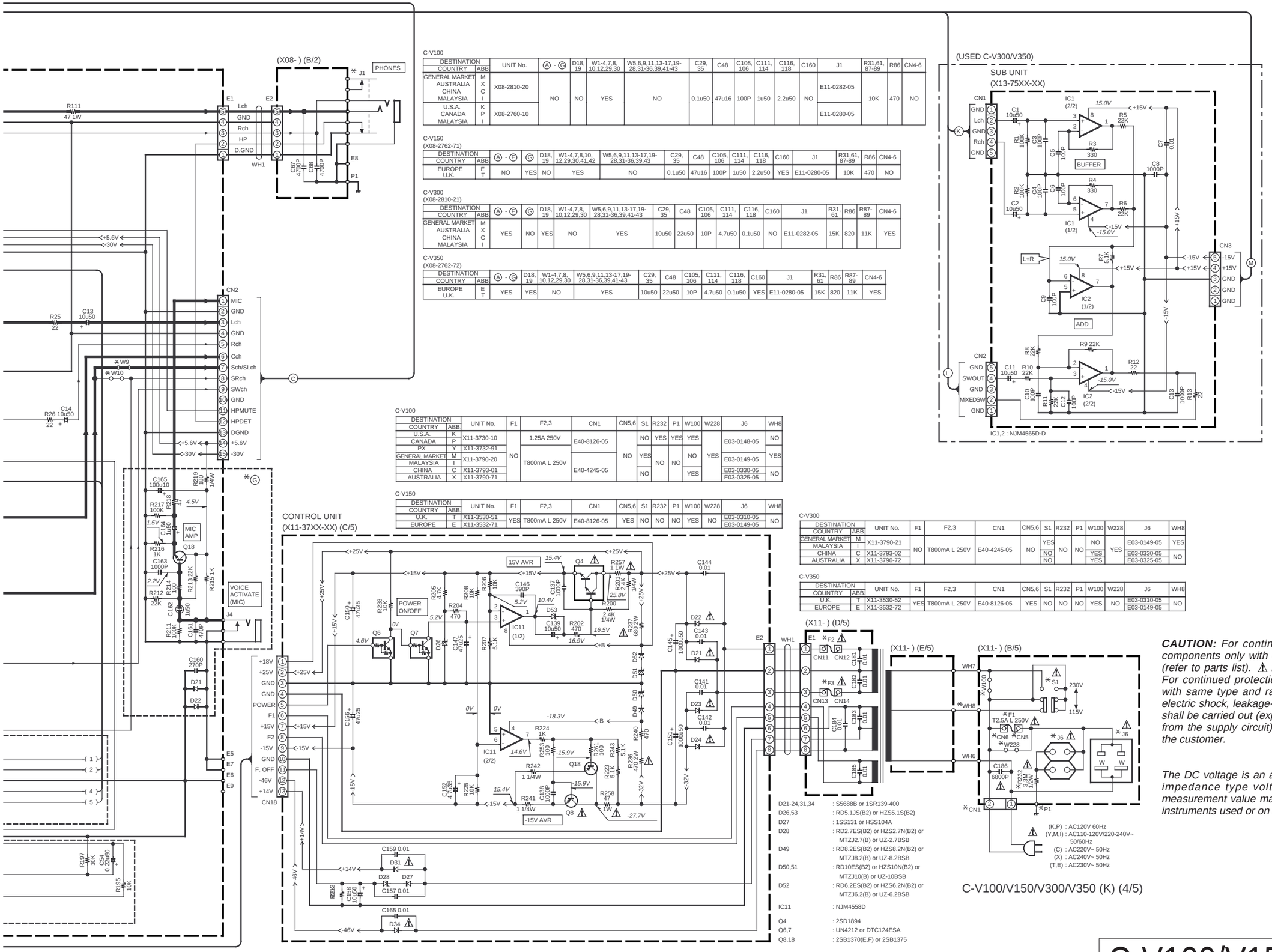
IC6 VIDEO SEL. BOTTOM VIEW 75K 6dB DRIVER AMP 4.45K 5.3dB

C-V300/350 6ch INPUT
PLAY VCR REC LD MONITOR OUT VIDEO

HP MUTE DRIVE
MUTE PHONES AMP
Q1,2,5-8 -10dB ATT
FLch FRch IC1-4 AMP IC1 (1/2) IC11(1/2) IC11(2/2)
Q3.4 GAIN SW
100Hz HPF
IC2(1/2) IC2(2/2) SLch C-V300/350
C-V100/V150 SURROUND ch
100Hz LPF
SWch IC3(1/2) IC3(2/2)
SRch IC4(2/2) IC4(1/2)
E3 E4 WH2
-10dB ATT DRIVER
INVERTER
6ch INPUT DRIVER

(X08-2760-10)		Q1-8,11,12	: 2SC2878(B)
IC1,5,11	: NJM4580D-D	Q15,17,19	: 2SA1048(Y,GR) or 2SA1309A(Q,R)
IC2-4	: NJM4565D-D	Q16,18	: 2SC2458(Y,GR) or 2SC3311A(Q,R)
IC6	: NJM2279D		
IC7	: TDA7466	D1-10	: RD8.2ES(B2) or HZS8.2N(B2)
IC8,9	: TDA7309	D11,12	: RD5.1ES(B2) or HZS5.1N(B2)
IC10	: TC9215AP	D13	: RD10ES(B2) or HZS10N(B2)
		D14,15,18,19	: 1SS131 0r HSS104A
		D16	: RD3.9ES(B2) or HZS3.9N(B2)

(X08-2810-20)		Q1-8,11,12	: 2SC2878(B)
IC1,5,11	: NJM4580D-D	Q15,17,19	: 2SA933AS(Q,R) or 2SA1175(F,E)
IC2-4	: NJM4565D-D	Q16,18	: 2SC1740S(Q,R) or 2SC2785(F,E)
IC6	: NJM2279D		
IC7	: TDA7466	D1-10	: MTZJ8.2(B) or UZ-8.2BSB
IC8,9	: TDA7309	D11,12	: MTZJ5.1(B) or UZ-5.1BSB
IC10	: TC9215AP	D13	: MTZJ10(B) or UZ-10BSB
		D14,15,18,19	: 1SS131 or HSS104A
		D16	: MTZJ3.9(B) or UZ-3.9BSB



C-V100

DESTINATION		UNIT No.	Ⓐ - Ⓖ	D18, 19	W1-4,7,8, 10,12,29,30	W5,6,9,11,13-17,19-28,31-36,39,41-43	C29, 35	C48	C105, 106	C111, 114	C116, 118	C160	J1	R31,61, 87-89	R86	CN4-6
COUNTRY	ABB															
GENERAL MARKET AUSTRALIA CHINA MALAYSIA	M X C I	X08-2810-20	NO	NO	YES	NO	0.1u50	47u16	100P	1u50	2.2u50	NO	E11-0282-05	10K	470	NO
U.S.A. CANADA MALAYSIA	K P I	X08-2760-10											E11-0280-05			

C-V150
(X08-2762-71)

DESTINATION			Ⓐ - Ⓕ	Ⓖ	D18, 19	W1-4,7,8,10, 12,29,30,41,42	W5,6,9,11,13-17,19-28,31-36,39,43	C29, 35	C48	C105, 106	C111, 114	C116, 118	C160	J1	R31,61, 87-89	R86	CN4-6
COUNTRY	ABB																
EUROPE U.K.	E T	NO	YES	NO	YES	NO	0.1u50	47u16	100P	1u50	2.2u50	YES	E11-0280-05	10K	470	NO

C-V300
(X08-2810-21)

DESTINATION			Ⓐ - Ⓕ	Ⓖ	D18, 19	W1-4,7,8, 10,12,29,30	W5,6,9,11,13-17,19-28,31-36,39,41-43	C29, 35	C48	C105, 106	C111, 114	C116, 118	C160	J1	R31, 61	R86	R87-89	CN4-6
COUNTRY	ABB																	
GENERAL MARKET AUSTRALIA CHINA MALAYSIA	M X C I	YES	NO	YES	NO	YES	10u50	22u50	10P	4.7u50	0.1u50	NO	E11-0282-05	15K	820	11K	YES

C-V350
(X08-2762-72)

DESTINATION			Ⓐ - Ⓖ	D18, 19	W1-4,7,8, 10,12,29,30	W5,6,9,11,13-17,19-28,31-36,39,41-43	C29, 35	C48	C105, 106	C111, 114	C116, 118	C160	J1	R31, 61	R86	R87-89	CN4-6
COUNTRY	ABB																
EUROPE U.K.	E T	YES	YES	NO	YES	10u50	22u50	10P	4.7u50	0.1u50	YES	E11-0280-05	15K	820	11K	YES	

C-V100

DESTINATION		UNIT No.	F1	F2,3	CN1	CN5,6	S1	R232	P1	W100	W228	J6	WH8
COUNTRY	ABB												
U.S.A.	K	X11-3730-10	NO	1.25A 250V	E40-8126-05	NO	NO	YES	YES	YES	YES	E03-0148-05	NO
CANADA	P												
PX	Y	X11-3732-91		T800mA L 250V			YES	NO	NO	NO		E03-0149-05	YES
GENERAL MARKET MALAYSIA	M I	X11-3790-20			E40-4245-05								
CHINA	C	X11-3793-01					NO			YES		E03-0330-05	NO
AUSTRALIA	X	X11-3790-71										E03-0325-05	

C-V150

DESTINATION		UNIT No.	F1	F2,3	CN1	CN5,6	S1	R232	P1	W100	W228	J6	WH8
COUNTRY	ABB												
U.K.	T	X11-3530-51	YES	T800mA L 250V	E40-8126-05	YES	NO	NO	NO	YES	NO	E03-0310-05	NO
EUROPE	E	X11-3532-71										E03-0149-05	

C-V300

DESTINATION		UNIT No.	F1	F2,3	CN1	CN5,6	S1	R232	P1	W100	W228	J6	WH8
COUNTRY	ABB												
GENERAL MARKET	M	X11-3790-21	NO	T800mA L 250V	E40-4245-05	NO	YES	NO	NO	NO	YES	E03-0149-05	YES
MALAYSIA	I												
CHINA	C	X11-3793-02					NO			YES		E03-0330-05	NO
AUSTRALIA	X	X11-3790-72					NO			YES		E03-0325-05	

C-V350

DESTINATION		UNIT No.	F1	F2,3	CN1	CN5,6	S1	R232	P1	W100	W228	J6	WH8
COUNTRY	ABB												
U.K.	T	X11-3530-52	YES	T800mA L 250V	E40-8126-05	YES	NO	NO	NO	YES	NO	E03-0310-05	NO
EUROPE	E	X11-3532-72										E03-0149-05	

D21-24,31,34 : S5688B or 1SR139-400
D26,53 : RD5.1JS(B2) or HZS5.1S(B2)
D27 : 1SS131 or HSS104A
D28 : RD2.7ES(B2) or HZS2.7N(B2) or MTZJ2.7(B) or UZ-2.7BSB
D49 : RD8.2ES(B2) or HZS8.2N(B2) or MTZJ8.2(B) or UZ-8.2BSB
D50,51 : RD10ES(B2) or HZS10N(B2) or MTZJ10(B) or UZ-10BSB
D52 : RD6.2ES(B2) or HZS6.2N(B2) or MTZJ6.2(B) or UZ-6.2BSB
IC11 : NJM4558D
Q4 : 2SD1894
Q6,7 : UN4212 or DTC124ESA
Q8,18 : 2SB1370(E,F) or 2SB1375

C-V100/V150/V300/V350 (K) (4/5)

CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

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C-V100/V150/V300/V350

KENWOOD

BS BT BU BV BW BX BY BZ CA CB

1 2 3 4 5 6 7

SUB UNIT
(X13-7522-70)

DISPLAY UNIT
(X14-437X-XX) (D/5) : C-V150/C-V300/C-V350

ED1

11G 10G 9G 8G 7G 6G 5G 4G 3G 2G

P1 RDS P2 INFO. P3 MEMO
P4 EON P5 NEWS P6 FM
P8 RTY P9 TP P10 TA P7 AM
P13 TIMER P14 1 2 P11 MW P12 LW
P15 Col P16 Dp
P1 dB P2 ms P3 kHz P4 MHz

IC1
VOICE ACTIVE
(BOTTOM VIEW)

IC2
RDS DEMODULATOR

(10G-2G)

Q3 MIC GAIN SW

RESET

CN1 MIC GND MIC GND +5.6V VOICE LED RED VOICE DEPT POWER KR1 LEDGR KR2

CN2 RDDATA DET MUX CE

X11-A/5 E8 3/5 D
X11-A/5 E7 3/5 E
X11-A/5 CN4 3/5 G
X11-A/5 CN3 3/5 F
X11-A/5 CN4 3/5 G
X11-A/5 CN4 3/5 G

(X14-) (B/4)

CN6 WH3 KR2 KS7/KR1 LED-G

CN5 REMOTE LED-DRV D.GND LED-R +5V S6/KS6 S5/KS5 S4/KS4 S3/KS3 S2/KS2 S1/KS1 KEY4 KEY3 KEY2 KEY1 WH1

KR2 LED-G KS7/KR1 LED VDD S6/KS6 S5/KS5 LED-R S4/KS4 S3/KS3 S2/KS2 S1/KS1 KEY4 KEY3 KEY2 KEY1 ENC1 ENC2 REMOTE OUT REMOTE D.GND +5V CN4 CN1

LED DRIVE (D1-9)
TRANSMIT LED(REMOTE)
LED DRIVE
VOLUME CONTROL (ENCODER)
DUMMY
OPEN/ CLOSE

(X14-) (A/4)

E6 KEY2 KEY1 S1/KS1 S2/KS2 +5V LED-R D.GND REMOTE E3
E2 LED-G
WH4
WH2

TUNING V S1 TUNING Λ S5 CLOCK S9 MODE S13 VOICE S17 S.DIRECT S21
TIMER MODE S2 TIMER SET S6 A.MEMO S10 MULTI. CONT. V LEVEL S14 DISPLAY S18 STEREO S22
BAND S11 MULTI. CONT. Λ LEVEL S15 PTY S19 DSP S23
AUTO S12 TA/NEWS S20 DOLBY S24
SET2 S25 SET1 S26

(X14-) (C/4)

LED(G) DRIVE
FIXED(GREEN)
UNFIXED(RED)
LED(R) DRIVE
VOICE ACTIVATE
INPUT S8 INPUT S7
TAPE2 (MONITOR) S4
1/ ON/ STANDBY S3
REMOTE SENSOR
ON/ STANDBY
LED-G REMOTE D.GND LED-R +5V S2/KS2 S1/KS1 KEY1 KEY2 E4

(X13-7522-70)
IC1 : RF5S830-0021
IC2 : SAA6579

Q1 : 2SC2458(Y,GR) or 2SC3311A(Q,R)
Q2 : 2SA1048(Y,GR) or 2SA1309A(Q,R)
Q3 : 2SC2878(B)

D1-8 : 1SS131 or HSS104A

(X14-4XXX-XX)
Q1 : 2SC3246
Q2 : 2SC2003(L,K)
Q3,4 : 2SA933AS(Q,R) or 2SA1175(F,E)
Q5-14,16-31 : UN5119 or DTA113ZUA
Q15 : ✳
D1-10 : B30-2508-05
D11,12 : B30-2519-05
D13 : B30-2493-05
D14 : B30-2507-05

ED1 : 20U64100SA

A1 : W02-2598-05

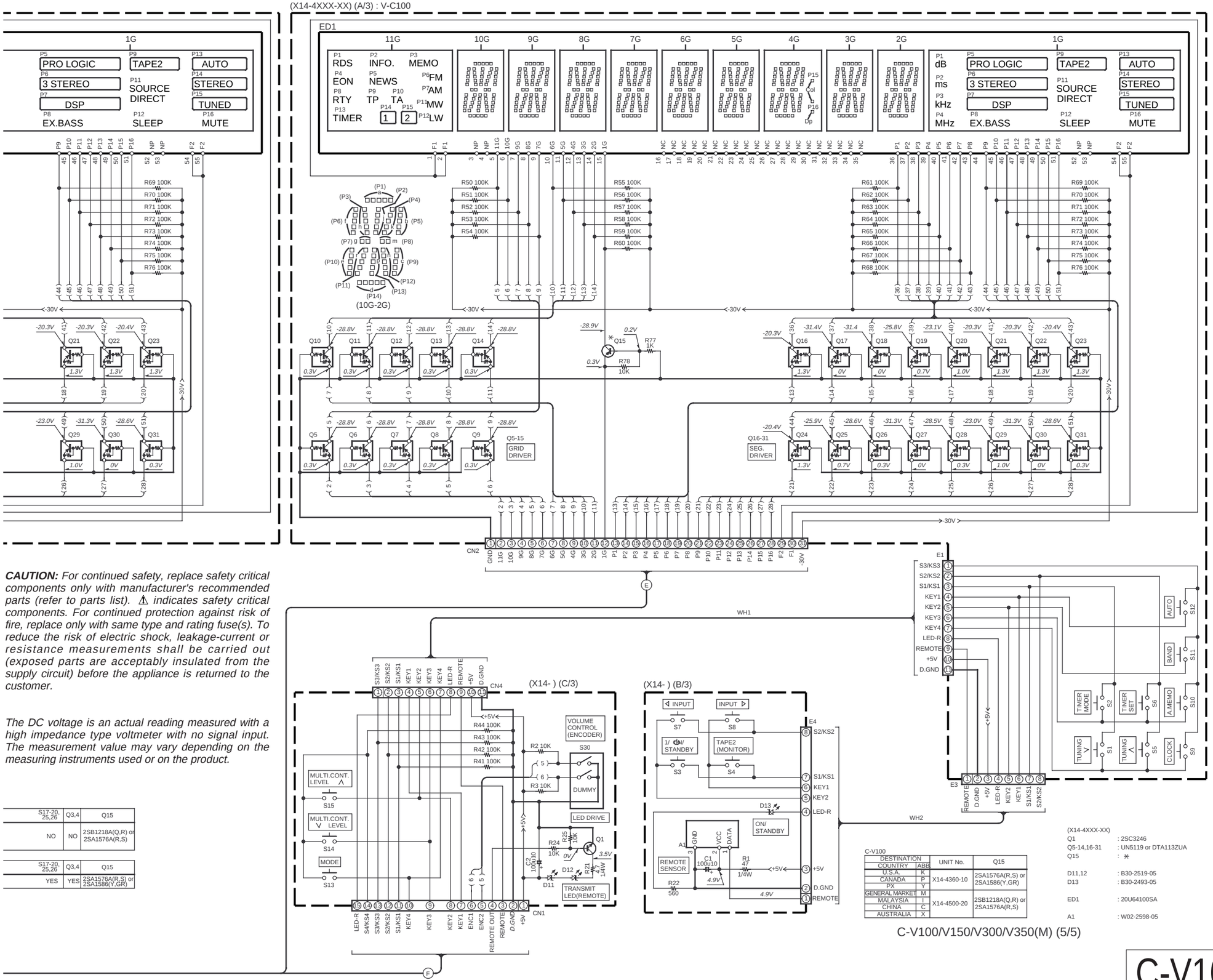
C-V300

DESTINATION		UNIT No.	R11-16, 26,27	R22	D13	D14	E6	W1	W2	WH3,4	CN1,6	CN4
COUNTRY	ABB											
GENERAL MARKET	M	X14-4510-20	NO	YES	YES	NO	NO	YES	NO	NO	NO	YES
MALAYSIA	I											
CHINA	C											
AUSTRALIA	X											

C-V150/V350

DESTINATION		UNIT No.	R11-16, 26,27	R22	D13	D14	E6	W1	W2	WH3,4	CN1,6	CN4
COUNTRY	ABB											
EUROPE	E	X14-4372-70	YES	NO	NO	YES	YES	NO	YES	YES	YES	NO
U.K.	T											

DISPLAY UNIT
(X14-4XXX-XX) (A/3) : V-C100



CAUTION: *For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.*

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

S17-20, 25,26	Q3,4	Q15
NO	NO	2SB1218A(Q,R) or 2SA1576A(R,S)

S17-20, 25,26	Q3,4	Q15
YES	YES	2SA1576A(R,S) or 2SA1586(Y,GR)

C-V100

DESTINATION		UNIT No.	Q15
COUNTRY	ABB		
U.S.A.	K	X14-4360-10	2SA1576A(R,S) or 2SA1586(Y,GR)
CANADA	P		
PX	Y		
GENERAL MARKET	M	X14-4500-20	2SB1218A(Q,R) or 2SA1576A(R,S)
MALAYSIA	I		
CHINA	C		
AUSTRALIA	X		

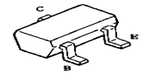
(X14-4XXX-XX)

Q1	: 2SC3246
Q5-14,16-31	: UN5119 or DTA113ZUA
Q15	: ✳
D11,12	: B30-2519-05
D13	: B30-2493-05
ED1	: 20U64100SA
A1	: W02-2598-05

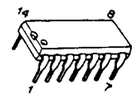
C-V100/V150/V300/V350(M) (5/5)

2SB1375

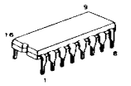
2SD1757K



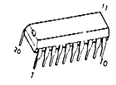
NJM2279D



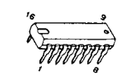
TC9215AP



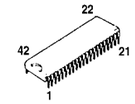
TDA7309



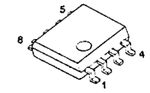
SAA6579



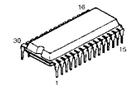
TDA7466



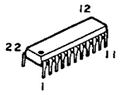
NJM4565M



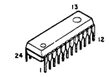
LA1836



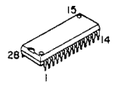
LC72131



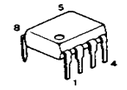
LA1832
LV1016



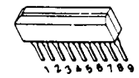
NJU7311AL
NJU7312AL



NJM4558D
NJM4565D-D



TA8409S



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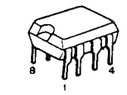
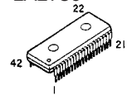


2SK302

LA2786

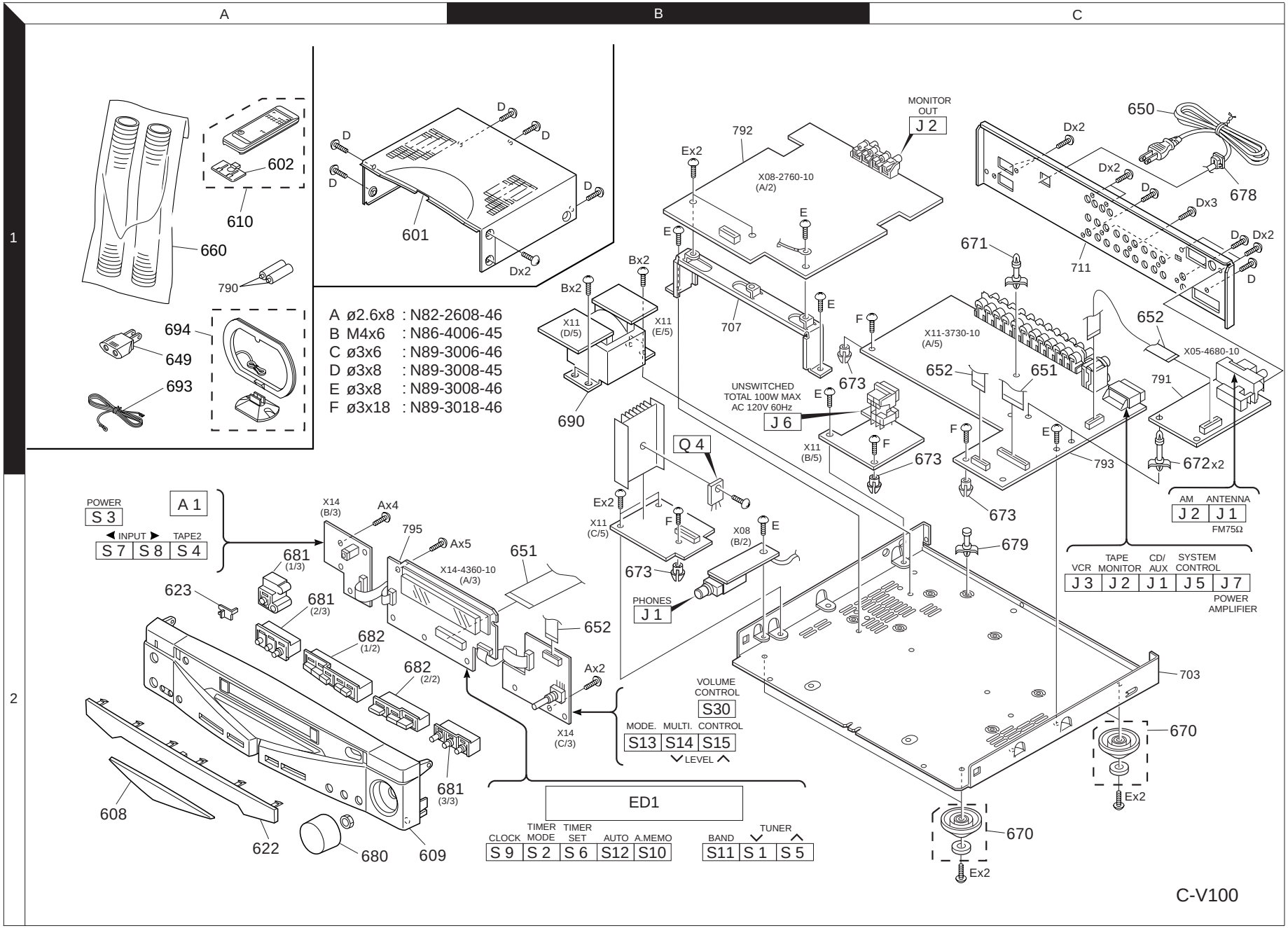


Y05-3370-10

C-V100/V150/V300/V350

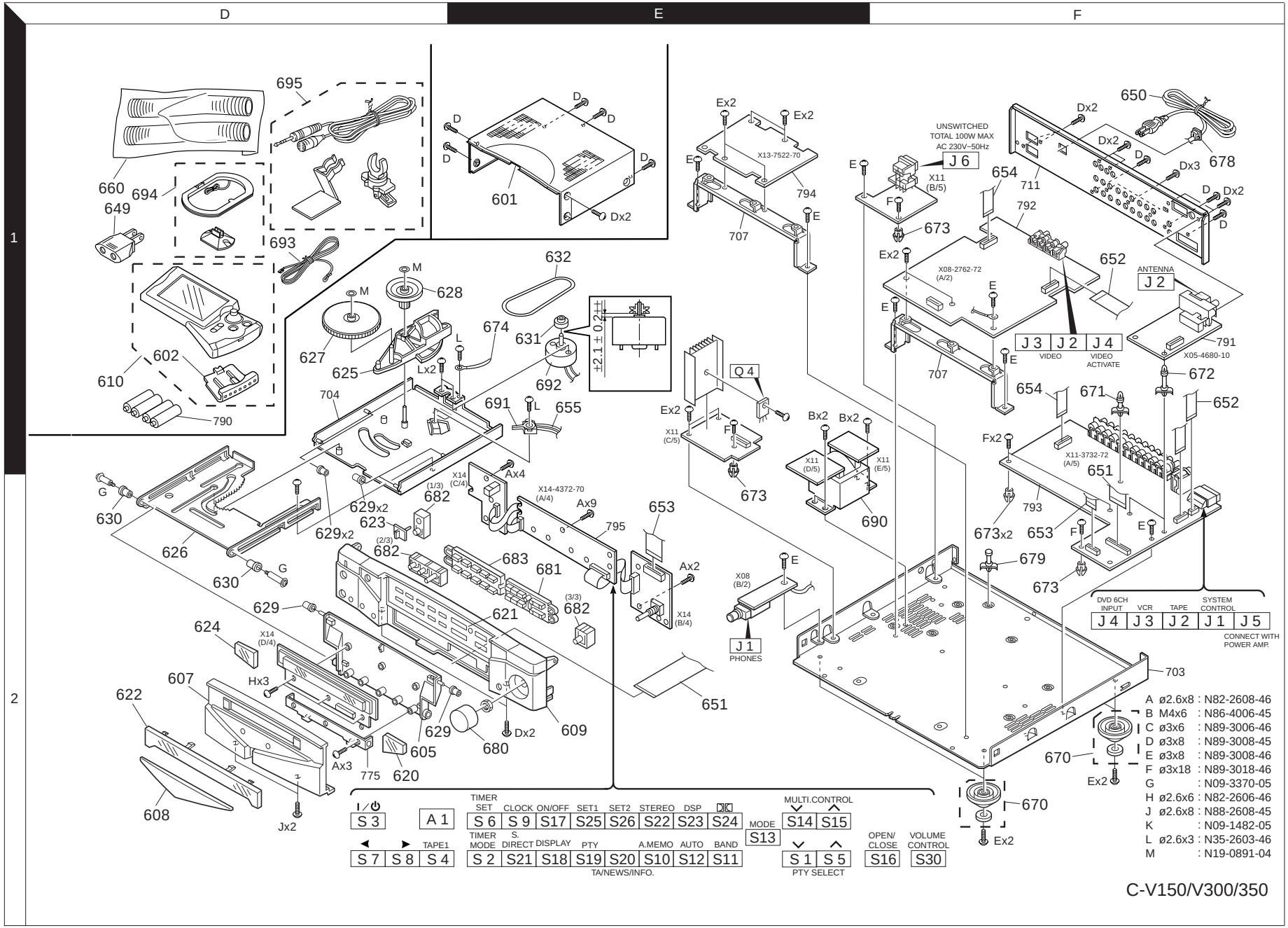
KENWOOD

EXPLODED VIEW(UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW(UNIT)



Parts with the exploded numbers larger than 700 are not supplied.

PARTS LIST

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❶

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
				C-V100		
601	1A	✻	A01-3432-01	METALLIC CABINET		
602	1A	✻	A09-0378-08	BATTERY COVER	YMICX	
602	1A		A09-0379-08	BATTERY COVER	KP	
608	2A	✻	A21-1952-03	DRESSING PANEL		
609	2A	✻	A60-1142-01	PANEL	KPY	
609	2A	✻	A60-1168-01	PANEL	MICX	
610	1A	✻	A70-1150-05	REMOTE CONTROL ASSY(RC-S503)	YMICX	
610	1A		A70-1159-05	REMOTE CONTROL ASSY(RGC-100)	KP	
622	2A	✻	B10-2347-02	FRONT GLASS	KPY	
622	2A	✻	B10-2385-02	FRONT GLASS	MICX	
623	2A	✻	B12-0311-04	INDICATOR		
-			B46-0096-53	WARRANTY CARD	X	
-			B46-0326-03	WARRANTY CARD	C	
-			B46-0328-03	WARRANTY CARD	KY	
-			B46-0336-03	WARRANTY CARD	P	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-			B58-0964-13	CAUTION CARD (UL)	KY	
-			B58-0965-13	CAUTION CARD	X	
-			B58-0966-13	CAUTION CARD	MI	
-			B58-0967-03	CAUTION CARD (PL)	P	
-			B58-1546-03	CAUTION CARD	C	
-			B59-1104-00	SERVICE DIRECTORY	Y	
-		✻	B59-1121-03	SUB-INSTRUCTION MANUAL		
-		✻	B59-1122-03	SUB-INSTRUCTION MANUAL		
-		✻	B59-1123-03	SUB-INSTRUCTION MANUAL	P	
-		✻	B59-1129-03	SUB-INSTRUCTION MANUAL	C	
-		✻	B59-1130-03	SUB-INSTRUCTION MANUAL	MI	
-		✻	B59-1131-03	SUB-INSTRUCTION MANUAL	M	
-		✻	B60-3198-00	INSTRUCTION MANUAL(ENG)		
-		✻	B60-3199-00	INSTRUCTION MANUAL(FRN)	P	
-		✻	B60-3200-00	INSTRUCTION MANUAL(SPN)	M	
-		✻	B60-3201-00	INSTRUCTION MANUAL(TWN)	MI	
-		✻	B60-3202-00	INSTRUCTION MANUAL(CHN)	C	
⚠ 649	1A		E03-0115-05	AC PLUG ADAPTER	MI	
⚠ 650	1C		E30-2592-15	AC POWER CORD	MI	
⚠ 650	1C		E30-2717-05	AC POWER CORD	X	
⚠ 650	1C		E30-2787-05	AC POWER CORD	KP	
⚠ 650	1C		E30-2789-05	AC POWER CORD	Y	
⚠ 650	1C		E30-2830-05	AC POWER CORD	C	
651	2B	✻	E35-1772-05	FLAT CABLE (31P)		
652	1C	✻	E35-1774-05	FLAT CABLE (15P)		
660	1A	✻	F07-1602-04	COVER		
-		✻	H10-7286-02	POLYSTYRENE FOAMED FIXTURE	KPY	
-		✻	H10-7287-02	POLYSTYRENE FOAMED FIXTURE	JPY	
-		✻	H10-7371-02	POLYSTYRENE FOAMED FIXTURE	MICX	
-		✻	H10-7372-02	POLYSTYRENE FOAMED FIXTURE	MICX	
-		✻	H13-0281-04	CARTON BOARD	X	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
-			H25-1516-04	PROTECTION BAG		
-		✻	H30-0100-04	ADHESIVE DOUBLE-COATED TAPE	KPY	
-		✻	H30-0602-04	ADHESIVE DOUBLE-COATED TAPE	MICX	
-		✻	H50-2334-04	ITEM CARTON CASE	KPY	

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⚠ indicates safety critical components.

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❷

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
-		✻	H50-2483-04	ITEM CARTON CASE	MI	
-		✻	H50-2484-04	ITEM CARTON CASE	C	
-		✻	H50-2519-04	ITEM CARTON CASE	X	
670	2C	✻	J02-1188-03	FOOT	KPY	
670	2C	✻	J02-1189-03	FOOT	MICX	
671	1C		J19-3331-05	UNIT HOLDER		
672	1C		J19-3642-05	UNIT HOLDER		
673	2B,1C		J19-3732-04	UNIT HOLDER	KPY	
673	2B,1C		J19-3751-04	UNIT HOLDER	MICX	
⚠ 678	1C		J42-0083-05	POWER CORD BUSHING		
679	2C		J19-2598-05	UNIT HOLDER		
-			J61-0098-05	WIRE BAND	KPY	
-			J61-0307-05	WIRE BAND	MICX	
680	2A	✻	K29-6660-04	KNOB		
681	2A	✻	K29-6661-02	KNOB	KPY	
681	2A	✻	K29-6779-02	KNOB	MICX	
682	2A	✻	K29-6662-02	KNOB	KPY	
682	2A	✻	K29-6780-02	KNOB	MICX	
⚠ 690	1B	✻	L07-2327-05	POWER TRANSFORMER	KP	
⚠ 690	1B	✻	L07-2328-05	POWER TRANSFORMER	Y	
⚠ 690	1B	✻	L07-2331-05	POWER TRANSFORMER	CX	
⚠ 690	1B	✻	L07-2332-05	POWER TRANSFORMER	MI	
693	1A		T90-0809-05	LEAD WIRE ANTENNA	MICX	
693	1A		T90-0810-05	LEAD WIRE ANTENNA	KPY	
694	1A		T90-0820-05	LOOP ANTENNA		
				C-V150/V300/V350		
601	1B		A01-3432-01	METALLIC CABINET		
602	1A		A09-0378-08	BATTERY COVER (V150)	ET	
602	1A		A09-0379-08	BATTERY COVER (V300/350)	ETMICX	
605	2A		A46-0303-01	REAR COVER		
607	2A		A29-0861-01	PANEL	ET	
607	2A		A29-0881-01	PANEL	MICX	
608	2A	✻	A21-1953-03	DRESSING PANEL (V150)	ET	
608	2A	✻	A21-1954-03	DRESSING PANEL	MICX	
608	2A		A21-1955-03	DRESSING PANEL (V350)	ET	
609	2B	✻	A60-1144-01	PANEL	ET	
609	2B	✻	A60-1145-01	PANEL	MICX	
610	1A	✻	A70-1136-05	REMOTE CONTROLLER ASSY(V150)	ET	
610	1A		A70-1137-05	REMOTE CONTROLLER ASSY(V350)	ET	
610	1A		A70-1159-05	REMOTE CONTROLLER ASSY(V300)	MICX	
620	2A	✻	B10-2384-04	FRONT GLASS	MICX	
621	2B	✻	B03-3802-13	DRESSING PLATE	MICX	
621	2B	✻	B03-3803-03	DRESSING PLATE	ET	
622	2A		B10-2349-02	FRONT GLASS	ET	
622	2A	✻	B10-2382-02	FRONT GLASS	MICX	
623	2A		B12-0311-04	INDICATOR		
624	2A		B10-2350-04	FRONT GLASS	ET	
624	2A	✻	B10-2383-04	FRONT GLASS	MICX	
625			B10-2351-04	FRONT GLASS	ET	
-			B46-0096-53	WARRANTY CARD	X	
-			B46-0310-03	WARRANTY CARD	ET	
-			B46-0326-03	WARRANTY CARD	C	
-			B58-0945-03	CAUTION CARD	T	
-			B58-0965-13	CAUTION CARD (PL)	T	

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PARTS LIST

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❸

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
-			B58-0966-13	CAUTION CARD (PL)	E	
-			B58-1546-03	CAUTION CARD	C	
-			B59-1121-03	SUB-INSTRUCTION MANUAL		
-			B59-1122-03	SUB-INSTRUCTION MANUAL(ENG)	MICX	
-			B59-1124-03	SUB-INSTRUCTION MANUAL(FRN)	E	
-			B59-1125-03	SUB-INSTRUCTION MANUAL(GRN)	E	
-			B59-1126-03	SUB-INSTRUCTION MANUAL(NTH)	E	
-			B59-1127-03	SUB-INSTRUCTION MANUAL(ITL)	E	
-			B59-1128-03	SUB-INSTRUCTION MANUAL (V150)	E	
-			B59-1129-03	SUB-INSTRUCTION MANUAL(CHN)	C	
-			B59-1130-03	SUB-INSTRUCTION MANUAL(TLN)	MI	
-			B59-1131-03	SUB-INSTRUCTION MANUAL(SPN)	M	
-			B59-1133-03	SUB-INSTRUCTION MANUAL(ENG)	T	
-		✻	B60-3198-00	INSTRUCTION MANUAL(ENG)		
-		✻	B60-3200-00	INSTRUCTION MANUAL(SPN)	M	
-		✻	B60-3201-00	INSTRUCTION MANUAL(TWN)	MI	
-		✻	B60-3202-00	INSTRUCTION MANUAL(CHN)	C	
-		✻	B60-3203-00	INSTRUCTION MANUAL(ENG)	T	
-		✻	B60-3204-00	INSTRUCTION MANUAL(FRN)	E	
-		✻	B60-3205-00	INSTRUCTION MANUAL(NTH)	E	
-		✻	B60-3206-00	INSTRUCTION MANUAL(ITL)	E	
-		✻	B60-3207-00	INSTRUCTION MANUAL(V150)(SPN)	E	
-		✻	B60-3208-00	INSTRUCTION MANUAL(GRN)	E	
625	1A		D10-3715-04	ARM ASSY		
626	2A		D10-3716-01	SLIDER		
627	1A		D13-1807-04	GEAR		
628	1A		D13-1808-03	GEAR		
629	2A		D14-0385-04	ROLLER		
630	2A		D14-0386-04	ROLLER		
631	1B		D15-0407-04	MOTOR PULLEY		
632	1B		D16-0715-03	BELT		
⚠ 649	1A		E03-0115-05	AC PLUG ADAPTER	MI	
⚠ 650	1C		E30-2592-15	AC POWER CORD	MI	
⚠ 650	1C		E30-2717-05	AC POWER CORD	X	
⚠ 650	1C		E30-2788-05	AC POWER CORD	E	
⚠ 650	1C		E30-2791-05	AC POWER CORD	T	
⚠ 650	1C		E30-2830-05	AC POWER CORD	C	
651	2B	✻	E35-1773-05	FLAT CABLE		
652	1C		E35-1774-05	FLAT CABLE (15P)		
653	2B,2C	✻	E35-1775-05	FLAT CABLE	MICX	
653	2B,2C	✻	E35-1861-05	FLAT CABLE	ET	
654	1C	✻	E35-1781-05	FLAT CABLE		
655	1B	✻	E35-1810-05	WIRING HARNESS		
660	1A		F07-1602-04	COVER		
-			G11-0153-04	SOFT TAPE (80X12X3)		
-			H10-7286-02	POLYSTYRENE FOAMED FIXTURE	E	
-			H10-7287-02	POLYSTYRENE FOAMED FIXTURE	E	
-			H10-7288-02	POLYSTYRENE FOAMED FIXTURE	T	
-			H10-7289-02	POLYSTYRENE FOAMED FIXTURE	T	
-		✻	H10-7371-02	POLYSTYRENE FOAMED FIXTURE	MICX	
-		✻	H10-7372-02	POLYSTYRENE FOAMED FIXTURE	MICX	
-		✻	H13-0281-04	CARTON BOARD	X	

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❹

Ref. No	Add-ress	New Parts	Parts No.	Description	Desti-nation	Re-marks
-			H20-0568-04	PROTECTION COVER	MIC	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)	E	
-			H25-0651-04	PROTECTION BAG (0232)	T	
-			H25-1516-04	PROTECTION BAG		
-			H30-0100-04	ADHESIVE DOUBLE-COATED TAPE	ET	
-		✻	H30-0602-04	ADHESIVE DOUBLE-COATED TAPE	MICX	
-		✻	H50-2386-04	ITEM CARTON CASE(V350)	E	
-		✻	H50-2387-04	ITEM CARTON CASE(V350)	T	
-		✻	H50-2439-04	ITEM CARTON CASE(V150)	T	
-		✻	H50-2482-04	ITEM CARTON CASE(V150)	E	
-		✻	H50-2486-04	ITEM CARTON CASE	MI	
-		✻	H50-2487-04	ITEM CARTON CASE	C	
-		✻	H50-2520-04	ITEM CARTON CASE	X	
670	2C		J02-1188-03	FOOT	ET	
670	2C	✻	J02-1189-03	FOOT	MICX	
671	1C		J19-3331-05	UNIT HOLDER		
672	1C		J19-3642-05	UNIT HOLDER		
673	2B,1C		J19-3732-04	UNIT HOLDER	ET	
673	2B,1C		J19-3751-04	UNIT HOLDER	MICX	
674	1B		J19-5833-05	LEAD HOLDER		
⚠ 678	1C		J42-0083-05	POWER CORD BUSHING		
679	2C		J19-2598-05	UNIT HOLDER		
-			J61-0098-05	WIRE BAND	ET	
-			J61-0307-05	WIRE BAND	MICX	
680	2B		K29-6660-04	KNOB		
681	2B		K29-6664-02	KNOB	ET	
681	2B	✻	K29-6775-02	KNOB	MICX	
682	2A,2B		K29-6665-02	KNOB	ET	
682	2A,2B	✻	K29-6776-02	KNOB	MICX	
683	2B		K29-6666-02	KNOB	ET	
683	2B	✻	K29-6668-02	KNOB	MICX	
⚠ 690	2C	✻	L07-2329-05	POWER TRANSFORMER	MI	
⚠ 690	2C	✻	L07-2330-05	POWER TRANSFORMER	ET	
⚠ 690	2C	✻	L07-2333-05	POWER TRANSFORMER	CX	
691	1B		S64-0026-05	LEVER SWITCH		
692	1B		T42-0882-05	DC MOTOR		
693	1A		T90-0809-05	LEAD WIRE ANTENNA	MICX	
693	1A		T90-0810-05	LEAD WIRE ANTENNA	ET	
694	1A		T90-0820-05	LOOP ANTENNA		
695	1A		W01-0935-05	MICROPHONE	ET	

TUNER(X05-4670-20)

C1 ,2			CK73FB1H103K	CHIP C	0.010UF	K		
C5			CK73FB1H102K	CHIP C	1000PF	K		
C8			CK73FB1H103K	CHIP C	0.010UF	K		
C9			CE04LW1C100M	ELECTRO	10UF	16WV		
C10			CK73FB1H473K	CHIP C	0.047UF	K		
C11			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C12			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C13			CK73FB1H102K	CHIP C	1000PF	K		
C14			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C15			CC73FCH1H220J	CHIP C	22PF	J		

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
C16			CE04LW1C100M	ELECTRO 10UF 16WV		
C17			CK73FB1H562K	CHIP C 5600PF K		
C18			CK73FB1H102K	CHIP C 1000PF K		
C19			CE04HW1E4R7M	NP-ELEC 4.7UF 25WV		
C20			CK73FB1E104K	CHIP C 0.10UF K		
C21 ,22			CQ93FMG1H113J	MYLAR 0.011UF J		
C23			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C24			CK73FB1H103K	CHIP C 0.010UF K	YMIC	
C25			CE04LW1C100M	ELECTRO 10UF 16WV		
C26			CE04LW1C470M	ELECTRO 47UF 16WV		
C27			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C28			CQ93FMG1H223J	MYLAR 0.022UF J		
C29			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C30			CE04LW1C101M	ELECTRO 100UF 16WV		
C31			CE04LW1A470M	ELECTRO 47UF 10WV		
C32			CK73FB1H103K	CHIP C 0.010UF K		
C33			CC73FSL1H101J	CHIP C 100PF J		
C34 ,35			CK73FB1H102K	CHIP C 1000PF K		
C36			CC73FCH1H270J	CHIP C 27PF J		
C37			CC73FCH1H220J	CHIP C 22PF J		
C38			CK73FB1H471K	CHIP C 470PF K		
C57 ,58			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C59 ,60			CE04LW1C100M	ELECTRO 10UF 16WV		
C61 ,62			CQ93FMG1H472J	MYLAR 4700PF J	YMIC	
C63			CC73FCH1H220J	CHIP C 22PF J		
C64			CC73FCH1H330J	CHIP C 33PF J		
C65			CC73FCH1H040C	CHIP C 4.0PF C		
C67			CK73FB1H102K	CHIP C 1000PF K		
CN1			E40-4609-05	PIN ASSY		
J1			E70-0052-05	LOCK TERMINAL BOARD		
CF1 ,2			L72-0531-05	CERAMIC FILTER		
CF3			L72-0593-05	CERAMIC FILTER		
L1			L39-1348-05	COMBINATION COIL		
L2			L30-0911-05	AM IFT		
L3 ,4			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
X1			L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)	MICX	
X1			L77-2159-05	CRYSTAL RESONATOR(7.2MHZ)	Y	
X2			L78-0637-05	RESONATOR (456KHZ)		
R1			RK73FB2A332J	CHIP R 3.3K J 1/10W		
R2			RK73FB2A681J	CHIP R 680 J 1/10W		
R3			RK73FB2A100J	CHIP R 10 J 1/10W		
R4 ,5			RK73FB2A331J	CHIP R 330 J 1/10W		
R6			RK73FB2A101J	CHIP R 100 J 1/10W		
R7			RK73FB2A473J	CHIP R 47K J 1/10W		
R8			RK73FB2A331J	CHIP R 330 J 1/10W		
R12			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R13			RK73FB2A473J	CHIP R 47K J 1/10W		
R15 ,16			RK73FB2A393J	CHIP R 39K J 1/10W		
R17			RK73FB2A271J	CHIP R 270 J 1/10W		
R18			RK73FB2A302J	CHIP R 3.0K J 1/10W		
R19			RK73FB2A822J	CHIP R 8.2K J 1/10W		
R20 -23			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R24			RK73FB2A562J	CHIP R 5.6K J 1/10W		

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	Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
⚠	R25			RD14NB2E101J	RD 100 J 1/4W		
⚠	R26			RD14NB2E561J	RD 560 J 1/4W		
	R27 ,28			RK73FB2A103J	CHIP R 10K J 1/10W		
	R29 ,30			RK73FB2A102J	CHIP R 1.0K J 1/10W		
	R31			RK73FB2A103J	CHIP R 10K J 1/10W		
	R32			RK73FB2A122J	CHIP R 1.2K J 1/10W		
	R33			RK73FB2A123J	CHIP R 12K J 1/10W		
⚠	R41			RS14KB3A271J	FL-PROOF RS 270 J 1W		
⚠	R42			RD14NB2E271J	RD 270 J 1/4W		
	R44			RK73FB2A101J	CHIP R 100 J 1/10W		
	R46			RK73FB2A104J	CHIP R 100K J 1/10W		
	R47			RK73FB2A153J	CHIP R 15K J 1/10W		
	R48			RK73FB2A473J	CHIP R 47K J 1/10W		
	R49			RK73FB2A473J	CHIP R 47K J 1/10W	YMIC	
	R50			RK73FB2A471J	CHIP R 470 J 1/10W	YMIC	
	R51 -54			RK73FB2A473J	CHIP R 47K J 1/10W		
	R55 ,56			RK73FB2A154J	CHIP R 150K J 1/10W		
	R59 ,60			RK73FB2A332J	CHIP R 3.3K J 1/10W		
	R61			RK73FB2A103J	CHIP R 10K J 1/10W		
	R62			RK73FB2A563J	CHIP R 56K J 1/10W		
	R63			RK73FB2A821J	CHIP R 820 J 1/10W		
	R64			RK73FB2A102J	CHIP R 1.0K J 1/10W		
	R65			RK73EB2B102J	CHIP R 1.0K J 1/8W		
	R73			RK73FB2A681J	CHIP R 680 J 1/10W		
	W101-106			R92-0670-05	CHIP R 0 OHM		
	W108-113			R92-0670-05	CHIP R 0 OHM		
	W115			R92-0670-05	CHIP R 0 OHM		
	W201-212			R92-0679-05	CHIP R 0 OHM		
	S1			S62-0034-05	SLIDE SWITCH	YMIC	
	D1 ,2			HSS104	DIODE		
	D1 ,2			1SS133	DIODE		
	D3 ,4			HZS5.1N(B2)	ZENER DIODE		
	D3 ,4			MTZJ5.1(B)	ZENER DIODE		
	D3 ,4			RD5.1ES(B2)	ZENER DIODE		
	D3 ,4			UZ-5.1BSB	ZENER DIODE		
	D8			HSS104	DIODE		
	D8			1SS133	DIODE		
	D10			MA111	DIODE		
	D12			HZS3.3N(B2)	ZENER DIODE		
	D12			MTZJ3.3(B)	ZENER DIODE		
	D12			RD3.3ES(B2)	ZENER DIODE		
	D12			UZ-3.3BSB	ZENER DIODE		
	D13			HZS2.7N(B2)	ZENER DIODE		
	D13			MTZJ2.7(B)	ZENER DIODE		
	D13			RD2.7ES(B2)	ZENER DIODE		
	D13			UZ-2.7BSB	ZENER DIODE		
	IC1			LA1832	ANALOGUE IC		
	IC2			LC72131	MOS-IC		
	IC4			NJM4565M	IC(OP AMP X2)		
	Q1			2SC2714(R,O)	TRANSISTOR		
	Q3			2SA1576A(R,S)	TRANSISTOR		
	Q3			2SA1586(Y,GR)	TRANSISTOR		
	Q3			2SB1218A(Q,R)	TRANSISTOR		
	Q5			2SC4081(R,S)	TRANSISTOR		

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Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
Q5			2SC4116(Y,GR)	TRANSISTOR				
Q5			2SD1819A(Q,R)	TRANSISTOR				
Q6			2SA1576A(R,S)	TRANSISTOR				
Q6			2SA1586(Y,GR)	TRANSISTOR				
Q6			2SB1218A(Q,R)	TRANSISTOR				
Q7 ,8			2SD1757K	TRANSISTOR				
Q7 ,8			2SD2114K	TRANSISTOR				
Q9 ,10			2SC4081(R,S)	TRANSISTOR			YMIC	
Q9 ,10			2SC4116(Y,GR)	TRANSISTOR				
Q9 ,10			2SD1819A(Q,R)	TRANSISTOR			YMIC	
A1			W02-2582-05	FM FRONT-END ASSY				
TUNER(X05-4680-10)								
C1			CE04LW1C470M	ELECTRO	47UF	16WV		
C2			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C3			CK73FB1H103K	CHIP C	0.010UF	K		
C5			CK73FB1H103K	CHIP C	0.010UF	K	ET	
C6 -10			CK73FB1H103K	CHIP C	0.010UF	K		
C30			CK73EB1E473K	CHIP C	0.047UF	K		
C31			CE04LW1C470M	ELECTRO	47UF	16WV		
C32			CK73FB1H103K	CHIP C	0.010UF	K		
C33			CE04LW1C100M	ELECTRO	10UF	16WV		
C34			CK73FB1H103K	CHIP C	0.010UF	K		
C35			CE04LW1C100M	ELECTRO	10UF	16WV		
C36			CK73FB1E473K	CHIP C	0.047UF	K		
C37			CK73FB1H103K	CHIP C	0.010UF	K		
C38			C90-3217-05	ELECTRO	10UF	10WV		
C40			C90-3253-05	ELECTRO	1.0UF	50WV		
C41			C90-3251-05	ELECTRO	0.47UF	50WV		
C42			C90-3240-05	ELECTRO	2.2UF	35WV		
C43			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C44			CK73FB1E473K	CHIP C	0.047UF	K		
C45			CC73FCH1H220J	CHIP C	22PF	J		
C46			CE04LW1A101M	ELECTRO	100UF	10WV		
C47			CK73FB1H472K	CHIP C	4700PF	K		
C48			CC73FSL1H101J	CHIP C	100PF	J		
C49			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C50			CK73FB1H152K	CHIP C	1500PF	K	ET	
C51 ,52			C90-3217-05	ELECTRO	10UF	10WV		
C53 ,54			CK73FB1H223K	CHIP C	0.022UF	K	ET	
C53 ,54			CK73FB1H333K	CHIP C	0.033UF	K	KP	
C55 ,56			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C57 ,58			CK73FB1H822K	CHIP C	8200PF	K		
C59			CC73FSL1H101J	CHIP C	100PF	J	ET	
C60			CK73FB1E104K	CHIP C	0.10UF	K	ET	
C61			CK73FB1H103K	CHIP C	0.010UF	K		
C62			CK73FB1H333K	CHIP C	0.033UF	K	T	
C63			CC73FCH1H090D	CHIP C	9.0PF	D	T	
C64			CK73FB1H333K	CHIP C	0.033UF	K		
C66			CC73FCH1H060D	CHIP C	6.0PF	D		
C67			CC73FCH1H220J	CHIP C	22PF	J		
C68			CC73FSL1H020C	CHIP C	2.0PF	C		
C70			CC73FSL1H101J	CHIP C	100PF	J		
C73			CK73FB1H821K	CHIP C	820PF	K	KP	
C81			CC73FCH1H220J	CHIP C	22PF	J		

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C82			CC73FCH1H270J	CHIP C	27PF	J			
C84			CK73FB1H102K	CHIP C	1000PF	K			
C85			CC73FSL1H101J	CHIP C	100PF	J			
C86			CK73FB1H102K	CHIP C	1000PF	K			
C87			CE04LW1C100M	ELECTRO	10UF	16WV			
C89			CE04LW1C470M	ELECTRO	47UF	16WV			
C90			CE04LW1H2R2M	ELECTRO	2.2UF	50WV			
C91			CK73FB1H223K	CHIP C	0.022UF	K			
C92			CC73FSL1H471J	CHIP C	470PF	J			
C93			CK73FB1H103K	CHIP C	0.010UF	K			
C96			CK73FB1H102K	CHIP C	1000PF	K			
CN1			E40-4609-05	PIN ASSY					
CN2			E40-4871-05	PIN ASSY					
J1			E70-0052-05	LOCK TERMINAL BOARD					
CF1 ,2			L72-0536-05	CERAMIC FILTER				ET	
CF1 ,2			L72-0596-05	CERAMIC FILTER				KP	
L31			L30-0943-05	FM IFT					
L32			L30-0944-05	FM IFT					
L33			L30-0911-05	AM IFT					
L34			L79-1240-05	LC FILTER				ET	
L35 ,36			L79-1239-05	LC FILTER					
L61			L40-1091-17	SMALL FIXED INDUCTOR(1UH)					
L62			L39-1351-05	COMBINATION COIL				KPE	
L62			L39-1352-05	COMBINATION COIL				T	
L63			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)					
⚠ L81			L40-1091-17	SMALL FIXED INDUCTOR(1UH)					
X31			L78-0637-05	RESONATOR (456KHZ)					
X81			L77-2159-05	CRYSTAL RESONATOR(7.2MHZ)					
R1			RD14NB2E221J	RD	220	J	1/4W		
R2			RK73FB2A221J	CHIP R	220	J	1/10W		
R3			RK73FB2A182J	CHIP R	1.8K	J	1/10W	ET	
R3			RK73FB2A561J	CHIP R	560	J	1/10W	KP	
R4			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R5			RK73FB2A103J	CHIP R	10K	J	1/10W		
R7			RK73FB2A221J	CHIP R	220	J	1/10W	ET	
R8			RK73FB2A681J	CHIP R	680	J	1/10W	ET	
R9			RK73FB2A470J	CHIP R	47	J	1/10W		
R10			RK73FB2A101J	CHIP R	100	J	1/10W		
R11			RK73FB2A331J	CHIP R	330	J	1/10W		
R12			RK73FB2A101J	CHIP R	100	J	1/10W		
R13			RK73FB2A681J	CHIP R	680	J	1/10W		
R14			RK73FB2A332J	CHIP R	3.3K	J	1/10W		
R15			RK73FB2A331J	CHIP R	330	J	1/10W		
R16			RK73FB2A100J	CHIP R	10	J	1/10W	ET	
R16			RK73FB2A150J	CHIP R	15	J	1/10W	KP	
R17			RK73FB2A331J	CHIP R	330	J	1/10W		
R18			RK73FB2A391J	CHIP R	390	J	1/10W		
R19			RK73FB2A681J	CHIP R	680	J	1/10W		
⚠ R20			RK73FB2A100J	CHIP R	10	J	1/10W	ET	
R20			RK73FB2A150J	CHIP R	15	J	1/10W	KP	
R21			RK73FB2A101J	CHIP R	100	J	1/10W		
R22			RK73FB2A100J	CHIP R	10	J	1/10W		
R31			RS14KB3A151JFR	FL-PROOF RS	150	J	1W		

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R32			RK73EB2B562J	CHIP R	5.6K	J	1/8W		
R33			RK73FB2A302J	CHIP R	3.0K	J	1/10W		
R34			RK73FB2A822J	CHIP R	8.2K	J	1/10W		
R35			RK73FB2A333J	CHIP R	33K	J	1/10W		
R36			RK73FB2A393J	CHIP R	39K	J	1/10W		
R37			RK73FB2A242J	CHIP R	2.4K	J	1/10W		
R38			RK73FB2A333J	CHIP R	33K	J	1/10W		
R39			RK73FB2A823J	CHIP R	82K	J	1/10W		
R40			RK73FB2A202J	CHIP R	2.0K	J	1/10W		
R41			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R42			RK73FB2A202J	CHIP R	2.0K	J	1/10W	ET	
R43 ,44			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R45 ,46			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R47 ,48			RK73FB2A392J	CHIP R	3.9K	J	1/10W		
R49			RK73FB2A473J	CHIP R	47K	J	1/10W		
R51			RK73FB2A392J	CHIP R	3.9K	J	1/10W		
R52			RK73FB2A104J	CHIP R	100K	J	1/10W		
R53			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R55			RK73FB2A562J	CHIP R	5.6K	J	1/10W		
R56 ,57			RK73FB2A101J	CHIP R	100	J	1/10W		
R59			RK73FB2A272J	CHIP R	2.7K	J	1/10W		
R61			RK73FB2A223J	CHIP R	22K	J	1/10W	T	
R62			RK73FB2A105J	CHIP R	1.0M	J	1/10W	T	
R63			RK73FB2A473J	CHIP R	47K	J	1/10W	T	
R64			RK73FB2A103J	CHIP R	10K	J	1/10W	T	
R65			RK73FB2A153J	CHIP R	15K	J	1/10W	T	
R66			RK73FB2A152J	CHIP R	1.5K	J	1/10W	T	
R67			RK73FB2A104J	CHIP R	100K	J	1/10W		
R68			RK73FB2A222J	CHIP R	2.2K	J	1/10W	T	
R69			RK73FB2A103J	CHIP R	10K	J	1/10W		
R70			RK73FB2A105J	CHIP R	1.0M	J	1/10W	T	
R80			RK73EB2B102J	CHIP R	1.0K	J	1/8W		
R81 -83			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R84			RK73FB2A103J	CHIP R	10K	J	1/10W		
R85 -88			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
⚠ R89			RD14NB2E101J	RD	100	J	1/4W		
R90			RK73FB2A562J	CHIP R	5.6K	J	1/10W		
R91			RK73FB2A222J	CHIP R	2.2K	J	1/10W		
R92			RK73FB2A123J	CHIP R	12K	J	1/10W		
R93			RK73FB2A122J	CHIP R	1.2K	J	1/10W		
R94			RD14NB2E561J	RD	560	J	1/4W		
R101,102			RK73FB2A102J	CHIP R	1.0K	J	1/10W		
R103			RK73FB2A821J	CHIP R	820	J	1/10W		
R104			RK73FB2A473J	CHIP R	47K	J	1/10W		
R105			RK73FB2A822J	CHIP R	8.2K	J	1/10W		
W51 ,52			R92-0670-05	CHIP R	0 OHM			KPE	
W53			R92-0670-05	CHIP R	0 OHM				
W54 ,55			R92-0670-05	CHIP R	0 OHM			KPE	
W56			R92-0679-05	CHIP R	0 OHM			T	
W57 ,58			R92-0679-05	CHIP R	0 OHM				
W59			R92-0670-05	CHIP R	0 OHM				
W61			R92-0670-05	CHIP R	0 OHM				
W62 -64			R92-0679-05	CHIP R	0 OHM				
W66 ,67			R92-0679-05	CHIP R	0 OHM				
W71			R92-0670-05	CHIP R	0 OHM				

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❿

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
W75			R92-0670-05	CHIP R	0 OHM			
W76			R92-0670-05	CHIP R	0 OHM		T	
W81			R92-0679-05	CHIP R	0 OHM			
W83			R92-0679-05	CHIP R	0 OHM			
W85			R92-0670-05	CHIP R	0 OHM		ET	
D1			HSS104	DIODE				
D1			1SS133	DIODE				
D2			HSS104	DIODE			ET	
D2			1SS133	DIODE			ET	
D31			HZS8.2N(B2)	ZENER DIODE				
D31			RD8.2ES(B2)	ZENER DIODE				
D32			HSS104	DIODE				
D32			1SS133	DIODE				
D61 ,62			HSS104	DIODE				
D61 ,62			1SS133	DIODE				
D81			HZS5.1N(B2)	ZENER DIODE				
D81			RD5.1ES(B2)	ZENER DIODE				
D101			HZS3.3N(B2)	ZENER DIODE				
D101			RD3.3ES(B2)	ZENER DIODE				
D102			HZS2.7N(B2)	ZENER DIODE				
D102			RD2.7ES(B2)	ZENER DIODE				
IC1			LA1836	ANALOGUE IC				
IC2			LC72131	MOS-IC				
Q1 ,2			2SC4081(R,S)	TRANSISTOR				
Q1 ,2			2SC4116(Y,GR)	TRANSISTOR				
Q3			2SA1576A(R,S)	TRANSISTOR				
Q3			2SA1586(Y,GR)	TRANSISTOR				
Q4			2SC4081(R,S)	TRANSISTOR				
Q4			2SC4116(Y,GR)	TRANSISTOR				
Q31 ,32			2SC4081(R,S)	TRANSISTOR				
Q31 ,32			2SC4116(Y,GR)	TRANSISTOR				
Q33 ,34			2SC4081(R,S)	TRANSISTOR			ET	
Q33 ,34			2SC4116(Y,GR)	TRANSISTOR			ET	
Q61 ,62			2SC4081(R,S)	TRANSISTOR			T	
Q61 ,62			2SC4116(Y,GR)	TRANSISTOR			T	
Q63			2SC2878(B)	TRANSISTOR			T	
Q64			2SA1576A(R,S)	TRANSISTOR			T	
Q64			2SA1586(Y,GR)	TRANSISTOR			T	
Q65			2SK302(Y,GR)	FET			T	
Q81			2SA1576A(R,S)	TRANSISTOR				
Q81			2SA1586(Y,GR)	TRANSISTOR				
Q101,102			2SD1757K	TRANSISTOR				
Q103			2SA1576A(R,S)	TRANSISTOR				
Q103			2SA1586(Y,GR)	TRANSISTOR				
A1			W02-2582-05	FM FRONT-END ASSY			KP	
A1			W02-2584-05	FM FRONT-END ASSY			ET	
PRE(X08-2760-10 / X08-2810-20)								
C1 -4	35		CF92FV1H104J	MF-O	0.10UF	J		
C5 ,6	35		CE04KW1H220M	ELECTRO	22UF	50WV		
C7 ,8			CE04KW1A101M	ELECTRO	100UF	10WV		
C11 ,12			CK45FB1H102K	CERAMIC	1000PF	K		
C13 ,14			CE04KW1H100M	ELECTRO	10UF	50WV		
C15 ,16			CE04KW1H3R3M	ELECTRO	3.3UF	50WV		
C17 -21			CC45FSL1H101J	CERAMIC	100PF	J		

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PARTS LIST

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⑪

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C22	35		CC45FSL1H101J	CERAMIC	100PF	J		
C23			CC45FSL1H101J	CERAMIC	100PF	J		
C24	35		CC45FSL1H101J	CERAMIC	100PF	J		
C27			CK45FB1H102K	CERAMIC	1000PF	K		
C28	35		CK45FB1H102K	CERAMIC	1000PF	K		
C29	15		CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C29	35		CE04KW1H100M	ELECTRO	10UF	50WV		
C30	35		CE04KW1H100M	ELECTRO	10UF	50WV		
C31 ,32			CC45FSL1H101J	CERAMIC	100PF	J		
C34			CK45FB1H102K	CERAMIC	1000PF	K		
C35	15		CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C35	35		CE04KW1H100M	ELECTRO	10UF	50WV		
C36			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C37			CE04KW1C220M	ELECTRO	22UF	16WV		
C39			CE04KW1C220M	ELECTRO	22UF	16WV		
C40	350		CE04KW1C220M	ELECTRO	22UF	16WV	ET	
C41			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C43			CF92FV1H224J	MF-C	0.22UF	J		
C44			CQ93FMG1H333J	MYLAR	0.033UF	J		
C45			CF92FV1H564J	MF-C	0.56UF	J		
C46			CK45FB1H102K	CERAMIC	1000PF	K		
C47			CE04KW1H220M	ELECTRO	22UF	50WV		
C48			CE04KW1C330M	ELECTRO	33UF	16WV		
C49			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C50	35		CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C51			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C52			CE04HW1E100M	NP-ELEC	10UF	25WV	MICX	
C52			CE04HW1H010M	NP-ELEC	1.0UF	50WV	KPYET	
C55			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C56			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C61 ,62			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C63 ,64			CE04KW1H220M	ELECTRO	22UF	50WV		
C67 ,68			CK45FF1H472Z	CERAMIC	4700PF	Z		
C69 ,70			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C71			CQ93FMG1H103J	MYLAR	0.010UF	J		
C72			CQ93FMG1H102J	MYLAR	1000PF	J		
C73			CQ93FMG1H103J	MYLAR	0.010UF	J		
C74			CQ93FMG1H102J	MYLAR	1000PF	J		
C75			CQ93FMG1H103J	MYLAR	0.010UF	J		
C76			CQ93FMG1H102J	MYLAR	1000PF	J		
C77	35		CQ93FMG1H103J	MYLAR	0.010UF	J		
C78	35		CQ93FMG1H102J	MYLAR	1000PF	J		
C79			CQ93FMG1H103J	MYLAR	0.010UF	J		
C80			CQ93FMG1H391K	MYLAR	390PF	K		
C81 ,82			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C83 ,84			CE04KW1H100M	ELECTRO	10UF	50WV		
C85 ,86			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C87 ,88			CQ93FMG1H562J	MYLAR	5600PF	J		
C89 -92			CF92FV1H104J	MF-C	0.10UF	J		
C93 ,94			CQ93FMG1H223J	MYLAR	0.022UF	J		
C95 ,96			CQ93FMG1H183J	MYLAR	0.018UF	J		
C97 ,98			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C99			CE04KW1C470M	ELECTRO	47UF	16WV		
C101			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C104			CF92FV1H104J	MF-C	0.10UF	J		

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⑫

Ref. No	Address	New Parts	Parts No.	Description			Destination	Remarks
C105,106	35		CC45FSL1H100D	CERAMIC	10PF	D		
C105,106	15		CC45FSL1H101J	CERAMIC	100PF	J		
C107,108			CC45FSL1H101J	CERAMIC	100PF	J		
C110			CC45FSL1H101J	CERAMIC	100PF	J		
C111	15		CE04KW1H010M	ELECTRO	1.0UF	50WV		
C111	35		CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C112,113			CC45FSL1H101J	CERAMIC	100PF	J		
C114	15		CE04KW1H010M	ELECTRO	1.0UF	50WV		
C114	35		CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C115	35		CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C116	35		CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C116	15		CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C117			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C118	35		CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C118	15		CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C119	35		CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C121	35		CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C122,123	35		CC45FSL1H101J	CERAMIC	100PF	J		
C124	35		CE04KW1H4R7M	ELECTRO	4.7UF	50WV		
C125	35		CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C126	35		CE04KW1H0R1M	ELECTRO	0.1UF	50WV		
C127	35		CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C128,129	35		CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C131,132	35		CC45FSL1H100D	CERAMIC	10PF	D		
C133	35		CK45FB1H102K	CERAMIC	1000PF	K		
C134,135	35		CK45FF1H103Z	CERAMIC	0.010UF	Z		
C141,142			CC45FSL1H470J	CERAMIC	47PF	J		
C143			CE04HW1E100M	NP-ELEC	10UF	25WV		
C144,145			CC45FSL1H470J	CERAMIC	47PF	J		
C146			CE04HW1E100M	NP-ELEC	10UF	25WV		
C147	35		CC45FSL1H470J	CERAMIC	47PF	J		
C148	35		CE04HW1E100M	NP-ELEC	10UF	25WV		
C151,152	15		CE04KW1H100M	ELECTRO	10UF	50WV		
C153,154			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C155			CE04KW1C221M	ELECTRO	220UF	16WV		
C160			CC45FSL1H271J	CERAMIC	270PF	J	ET	
C161			CK45FB1H471K	CERAMIC	470PF	K	ET	
C162			CE04KW1H010M	ELECTRO	1.0UF	50WV	ET	
C163			CK45FB1H102K	CERAMIC	1000PF	K	ET	
C164			CE04KW1H010M	ELECTRO	1.0UF	50WV	ET	
C165			CE04KW1A101M	ELECTRO	100UF	10WV	ET	
CN1			E40-4609-05	PIN ASSY				
CN2			E40-4902-05	FLAT CABLE CONNECTOR				
CN3	35		E40-4902-05	FLAT CABLE CONNECTOR				
J1			E11-0280-05	PHONE JACK			KPYET	
J1			E11-0282-05	PHONE JACK			MICX	
J2			E63-0163-05	PHONO JACK				
J3	35		E63-1005-05	PHONO JACK				
J4			E11-0283-05	MINIATURE PHONE JACK(3P)			ET	
W5 ,6	35		E31-0001-00	JUMPER WIRE				
W9	35		E31-0001-00	JUMPER WIRE				
W11	35		E31-0001-00	JUMPER WIRE				
W13 -17	35		E31-0001-00	JUMPER WIRE				
W19 -28	35		E31-0001-00	JUMPER WIRE				

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⑬

Ref. No	Address	New Parts	Parts No.	Description				Destination	Remarks
W31 -36	35		E31-0001-00	JUMPER WIRE					
W39	35		E31-0001-00	JUMPER WIRE					
W43	35		E31-0001-00	JUMPER WIRE					
E1 ,2	15		J19-3290-05	LEAD HOLDER					
E5 -9			J11-0809-05	WIRE CLAMPER					
R7 ,8	35		RD14BB2C223J	RD	22K	J	1/6W		
R9 ,10	35		RD14BB2C113J	RD	11K	J	1/6W		
R11 ,12	35		RD14BB2C331J	RD	330	J	1/6W		
R31	15		RD14BB2C103J	RD	10K	J	1/6W		
R31 ,32	35		RD14BB2C153J	RD	15K	J	1/6W		
R34	35		RD14BB2C432J	RD	4.3K	J	1/6W		
R36	35		RD14BB2C182J	RD	1.8K	J	1/6W		
R44	35		RD14BB2C473J	RD	47K	J	1/6W		
R48	35		RD14BB2C473J	RD	47K	J	1/6W		
R50	35		RD14BB2C242J	RD	2.4K	J	1/6W		
R54	35		RD14BB2C220J	RD	22	J	1/6W		
R56	35		RD14BB2C220J	RD	22	J	1/6W		
R61	15		RD14BB2C103J	RD	10K	J	1/6W		
R61	35		RD14BB2C153J	RD	15K	J	1/6W		
R86	15		RD14BB2C471J	RD	470	J	1/6W		
R86	35		RD14BB2C821J	RD	820	J	1/6W		
R87 -89	15		RD14BB2C103J	RD	10K	J	1/6W		
R87 -89	35		RD14BB2C113J	RD	11K	J	1/6W		
R93	35		RD14BB2C102J	RD	1.0K	J	1/6W		
R111,112			RS14KB3A470J	FL-PROOF RS	47	J	1W		
R119,120			RS14KB3D101J	FL-PROOF RS	100	J	2W		
R137-139	35		RD14BB2C102J	RD	1.0K	J	1/6W		
⚠ R140			RS14KB3A121J	FL-PROOF RS	120	J	1W		
R143-145	35		RD14BB2C224J	RD	220K	J	1/6W		
R146	35		RD14BB2C563J	RD	56K	J	1/6W		
R151-155	35		RD14BB2C562J	RD	5.6K	J	1/6W		
R156	35		RD14BB2C333J	RD	33K	J	1/6W		
R170	35		RD14BB2C750J	RD	75	J	1/6W		
R173	35		RD14BB2C102J	RD	1.0K	J	1/6W		
⚠ R174,175			RS14KB3A391J	FL-PROOF RS	390	J	1W		
R181			RD14NB2E152J	RD	1.5K	J	1/4W		
R219			RD14NB2E181J	RD	180	J	1/4W	ET	
R226	35		RD14BB2C223J	RD	22K	J	1/6W		
D1 ,2			HZS8.2N(B2)	ZENER DIODE					
D1 ,2			MTZJ8.2(B)	ZENER DIODE					
D1 ,2			RD8.2ES(B2)	ZENER DIODE					
D1 ,2			UZ-8.2BSB	ZENER DIODE					
D3	35		HZS8.2N(B2)	ZENER DIODE					
D3	35		MTZJ8.2(B)	ZENER DIODE					
D3	35		RD8.2ES(B2)	ZENER DIODE					
D3	35		UZ-8.2BSB	ZENER DIODE					
D4 ,5			HZS8.2N(B2)	ZENER DIODE					
D4 ,5			MTZJ8.2(B)	ZENER DIODE					
D4 ,5			RD8.2ES(B2)	ZENER DIODE					
D4 ,5			UZ-8.2BSB	ZENER DIODE					
D6 -10	35		HZS8.2N(B2)	ZENER DIODE					
D6 -10	35		MTZJ8.2(B)	ZENER DIODE					
D6 -10	35		RD8.2ES(B2)	ZENER DIODE					

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⑭

Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
D6 -10	35		UZ-8.2BSB	ZENER DIODE		
D11 ,12			HZS5.1N(B2)	ZENER DIODE		
D11 ,12			MTZJ5.1(B)	ZENER DIODE		
D11 ,12			RD5.1ES(B2)	ZENER DIODE		
D11 ,12			UZ-5.1BSB	ZENER DIODE		
D13			HZS10N(B2)	ZENER DIODE		
D13			MTZJ10(B)	ZENER DIODE		
D13			RD10ES(B2)	ZENER DIODE		
D13			UZ-10BSB	ZENER DIODE		
D14 ,15			HSS104A	DIODE		
D14 ,15			1SS131	DIODE		
D16			HZS3.9N(B2)	ZENER DIODE		
D16			MTZJ3.9(B)	ZENER DIODE		
D16			RD3.9ES(B2)	ZENER DIODE		
D16			UZ-3.9BSB	ZENER DIODE		
D18 ,19	35		HSS104A	DIODE		
D18 ,19	35		1SS131	DIODE		
D20 ,21			HSS104A	DIODE	ET	
D20 ,21			1SS131	DIODE	ET	
IC1			NJM4580D-D	IC(OP AMP X2)		
IC2 ,3			NJM4565D-D	IC(OP AMP X2)		
IC4	35		NJM4565D-D	IC(OP AMP X2)		
IC5			NJM4580D-D	IC(OP AMP X2)		
IC6			NJM2279D	IC(VIDEO IC)		
IC7			TDA7466	ANALOGUE IC		
IC8			TDA7309	ANALOGUE IC		
IC9	35		TDA7309	ANALOGUE IC		
IC10	35		TC9215AP	ANALOGUE IC		
IC11	35		NJM4580D-D	IC(OP AMP X2)		
Q1 ,2			2SC2878(B)	TRANSISTOR		
Q3 ,4	35		2SC2878(B)	TRANSISTOR		
Q5			2SC2878(B)	TRANSISTOR		
Q6	35		2SC2878(B)	TRANSISTOR		
Q7 ,8			2SC2878(B)	TRANSISTOR		
Q11 ,12			2SC2878(B)	TRANSISTOR		
Q15			2SA1048(Y,GR)	TRANSISTOR		
Q15			2SA1175(F,E)	TRANSISTOR		
Q15			2SA1309A(Q,R)	TRANSISTOR		
Q15			2SA933AS(Q,R)	TRANSISTOR		
Q16			2SC1740S(Q,R)	TRANSISTOR		
Q16	35		2SC2458(Y,GR)	TRANSISTOR		
Q16			2SC2785(F,E)	TRANSISTOR		
Q16	35		2SC3311A(Q,R)	TRANSISTOR		
Q17	35		2SA1048(Y,GR)	TRANSISTOR		
Q17	35		2SA1175(F,E)	TRANSISTOR		
Q17	35		2SA1309A(Q,R)	TRANSISTOR		
Q17	35		2SA933AS(Q,R)	TRANSISTOR		
Q18			2SC1740S(Q,R)	TRANSISTOR	ET	
Q18			2SC2458(Y,GR)	TRANSISTOR	ET	
Q18			2SC2785(F,E)	TRANSISTOR	ET	
Q18			2SC3311A(Q,R)	TRANSISTOR	ET	
Q19			2SA1048(Y,GR)	TRANSISTOR		
Q19			2SA1175(F,E)	TRANSISTOR		
Q19			2SA1309A(Q,R)	TRANSISTOR		
Q19			2SA933AS(Q,R)	TRANSISTOR		

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PARTS LIST

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⑮

Ref. No	Add-ress	New Parts	Parts No.	Description			Desti-nation	Re-marks
CONTROL(X11-3730-10 / X11-3790-20)								
C1 -4			CC45FSL1H221J	CERAMIC	220PF	J	ET	
C5 ,6			CC45FSL1H221J	CERAMIC	220PF	J		
C7 ,8			CC45FSL1H221J	CERAMIC	220PF	J	ET	
C9 ,10			CC45FSL1H221J	CERAMIC	220PF	J		
C11 -14			CC45FSL1H221J	CERAMIC	220PF	J	ET	
C15 ,16			CC45FSL1H221J	CERAMIC	220PF	J		
C17 ,18			CC45FSL1H221J	CERAMIC	220PF	J	ET	
C19 -24	350		CC45FSL1H221J	CERAMIC	220PF	J	ET	
C25 ,26			CC45FSL1H221J	CERAMIC	220PF	J		
C27	3		CC45FSL1H221J	CERAMIC	220PF	J	MICXET	
C28 -30			CC45FSL1H221J	CERAMIC	220PF	J		
C31 ,32			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C33 ,34			CC45FSL1H221J	CERAMIC	220PF	J		
C35 ,36			C90-3748-05	ELECTRO	22UF	16WV		
C37 ,38			CE04KW1C220M	ELECTRO	22UF	16WV		
C39			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C40			CK45FB1H391K	CERAMIC	390PF	K		
C41 -44			CQ93FMG1H102J	MYLAR	1000PF	J		
C45			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C46			CE04HW1H2R2M	NP-ELEC	2.2UF	50WV		
C47 ,48			CC45FSL1H101J	CERAMIC	100PF	J		
C51 ,52			CC45FSL1H101J	CERAMIC	100PF	J		
C53 ,54			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C59 ,60			CC45FSL1H101J	CERAMIC	100PF	J		
C61 ,62			CE04KW1C100M	ELECTRO	10UF	16WV		
C63			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C64			CF92FV1H474J	MF-C	0.47UF	J		
C66			CQ93FMG1H222J	MYLAR	2200PF	J		
C67			CE04KW1C100M	ELECTRO	10UF	16WV		
C68 ,69			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C71			CQ93FMG1H223J	MYLAR	0.022UF	J		
C72			CQ93FMG1H473J	MYLAR	0.047UF	J		
C73			CE04KW1C221M	ELECTRO	220UF	16WV		
C74 -77			CE04KW1C100M	ELECTRO	10UF	16WV		
C78			CE04KW1C221M	ELECTRO	220UF	16WV		
C79 ,80			CQ93FMG1H104J	MYLAR	0.10UF	J		
C81			CE04KW1HR47M	ELECTRO	0.47UF	50WV		
C82			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C83			CE04KW1HR47M	ELECTRO	0.47UF	50WV		
C84			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C85			CF92FV1H154J	MF-C	0.15UF	J		
C86			CE04KW1H3R3M	ELECTRO	3.3UF	50WV		
C87 ,88			CF92FV1H154J	MF-C	0.15UF	J		
C89			CE04KW1H3R3M	ELECTRO	3.3UF	50WV		
C90			CF92FV1H154J	MF-C	0.15UF	J		
C91			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C92			CE04KW1HR47M	ELECTRO	0.47UF	50WV		
C93			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C94			CE04KW1HR47M	ELECTRO	0.47UF	50WV		
C95 ,96			CQ93FMG1H104J	MYLAR	0.10UF	J		
C97			CE04KW1E470M	ELECTRO	47UF	25WV		
C98			CF92FV1H474J	MF-C	0.47UF	J		
C99			CQ93FMG1H681J	MYLAR	680PF	J		

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C100			CE04KW1H2R2M	ELECTRO	2.2UF	50WV		
C101			CQ93FMG1H103J	MYLAR	0.010UF	J		
C102			CE04KW1HR33M	ELECTRO	0.33UF	50WV		
C103			CE04KW1C221M	ELECTRO	220UF	16WV		
C104			CE04KW1HR47M	ELECTRO	0.47UF	50WV		
C105			CQ93FMG1H823J	MYLAR	0.082UF	J		
C106			CQ93FMG1H332J	MYLAR	3300PF	J		
C107			CQ93FMG1H823J	MYLAR	0.082UF	J		
C108			CE04KW1C221M	ELECTRO	220UF	16WV		
C109			CQ93FMG1H104J	MYLAR	0.10UF	J		
C111-114			CC45FSL1H101J	CERAMIC	100PF	J		
C115-117			CK45FB1H102K	CERAMIC	1000PF	K		
C118,119			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C120,121			CC45FCH1H180J	CERAMIC	18PF	J		
C122			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C123			CE04KW0J331M	ELECTRO	330UF	6.3WV		
C124			CE04KW1A101M	ELECTRO	100UF	10WV		
C133			CE04KW1E470M	ELECTRO	47UF	25WV		
C136			CQ93FMG1H104J	MYLAR	0.10UF	J		
C137,138			CK45FB1H102K	CERAMIC	1000PF	K		
C139			CE04KW1H100M	ELECTRO	10UF	50WV		
C141-144			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C145			CE04KW1H102M	ELECTRO	1000UF	50WV		
C146			CK45FB1H391K	CERAMIC	390PF	K		
C147			CE04KW1E470M	ELECTRO	47UF	25WV		
C150			CE04KW1E470M	ELECTRO	47UF	25WV		
C151			CE04KW1H102M	ELECTRO	1000UF	50WV		
C152			CE04KW1V4R7M	ELECTRO	4.7UF	35WV		
C156			CE04KW1E470M	ELECTRO	47UF	25WV		
C157			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C158			CE04KW1H100M	ELECTRO	10UF	50WV		
C159			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C160			CE04KW1E102M	ELECTRO	1000UF	25WV		
C161			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C162			CE04KW1C220M	ELECTRO	22UF	16WV		
C163			CK45FB1H102K	CERAMIC	1000PF	K	ET	
C163	3		CK45FB1H102K	CERAMIC	1000PF	K	MICX	
C164			CE04KW1A470M	ELECTRO	47UF	10WV		
C165			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C166			CE04KW1J331M	ELECTRO	330UF	63WV		
C167			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C168			CE04KW1H100M	ELECTRO	10UF	50WV		
C169			CK45FB1H102K	CERAMIC	1000PF	K		
C170			CE04KW1H100M	ELECTRO	10UF	50WV		
C171		✻	C90-3747-05	ELECTRO	4.7UF	50WV		
C172		✻	C90-3749-05	ELECTRO	47UF	16WV		
C173,174			CE04KW1H010M	ELECTRO	1.0UF	50WV		
C175			CK45FB1H102K	CERAMIC	1000PF	K		
C176			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C177			C90-3623-05	BACK UP	0.33F	5.5V		
C178			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C179,180			CE04KW1E470M	ELECTRO	47UF	25WV		
C181-185			CK45FF1H103Z	CERAMIC	0.010UF	Z		
⚠ C186			C91-1488-05	MF	6800PF	250VAC		
C189,190			CC45FSL1H221J	CERAMIC	220PF	J		

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C191			CK45FF1H103Z	CERAMIC	0.010UF	Z			
C192			CE04KW1H100M	ELECTRO	10UF	50WV		ET	
C192	3		CE04KW1H100M	ELECTRO	10UF	50WV		MICX	
C193			CK45FF1H103Z	CERAMIC	0.010UF	Z			
C194			CE04HW1H2R2M	NP-ELEC	2.2UF	50WV			
C195			CE04KW1H010M	ELECTRO	1.0UF	50WV			
C196-199			CC45FSL1H221J	CERAMIC	220PF	J			
C200			CE04KW1E470M	ELECTRO	47UF	25WV			
C201			CK45FB1H391K	CERAMIC	390PF	K			
C202			CK45FB1H103Z	CERAMIC	0.010UF	Z			
CN1			E40-4245-05	PIN ASSY				MICX	
CN1		✻	E40-8126-05	PIN ASSY				KPYET	
CN3			E40-4918-05	FLAT CABLE CONNECTOR					
CN4	10		E40-4902-05	FLAT CABLE CONNECTOR					
CN4	3		E40-4906-05	FLAT CABLE CONNECTOR				MICX	
CN4			E40-4908-05	FLAT CABLE CONNECTOR				ET	
CN15			E40-3249-05	PIN ASSY				MICXET	
CN16			E40-4902-05	FLAT CABLE CONNECTOR					
CN17	35		E40-4902-05	FLAT CABLE CONNECTOR					
CN18			E40-4607-05	FLAT CABLE CONNECTOR					
J1 -3			E63-0139-15	PHONO JACK					
J4	35		E63-0111-05	PHONO JACK					
J5			E11-0293-05	MINIATURE PHONE JACK(2P)					
⚠ J6			E03-0148-05	AC OUTLET				KPY	
⚠ J6			E03-0149-05	AC OUTLET				EMI	
⚠ J6			E03-0310-05	AC OUTLET				T	
⚠ J6			E03-0325-05	AC OUTLET				X	
⚠ J6			E03-0330-05	AC OUTLET				C	
J7			E58-0018-05	RECTANGULAR RECEPTACLE					
W207	10		E31-0001-00	JUMPER WIRE					
W228	10		E31-0001-00	JUMPER WIRE					
⚠ F1			F05-2525-05	FUSE (SEMKO)	(250V T2.5AL)			ET	
⚠ F2 ,3			F05-8013-05	FUSE (SEMKO)	(250V T800MAL)			MICX	
⚠ F2 ,3			F05-8013-05	FUSE (SEMKO)	(250V T800MAL)			YTE	
⚠ F2 ,3			F50-0067-05	FUSE (5X20)				KP	
CN5 ,6			J13-0075-05	FUSE CLIP				ET	
CN11-14			J13-0075-05	FUSE CLIP					
E10			J11-0808-05	WIRE CLAMPER					
X1			L78-0284-05	RESONATOR	(5MHZ)				
X2			L77-2173-05	CRYSTAL RESONATOR(32.768KHZ)					
X4		✻	L78-0674-05	RESONATOR					
X5			L78-0290-05	RESONATOR	(8MHZ)				
CP2			R90-0860-05	MULTI-COMP	4.7K X1	1			
CP3			R90-0812-05	MULTI-COMP	10KX10	J	1/6W		
CP4			R90-0864-05	MULTI-COMP	100KX14				
CP5			R90-0892-05	MULTI-COMP	4.7KX5				
CP6			R90-0855-05	MULTI-COMP	100KX5	J			
CP7			R90-0482-05	MULTI-COMP	100KX4	J	1/6W		
R37 ,38	35		RD14BB2C102J	RD	1.0K	J	1/6W		
R39 ,40	35		RD14BB2C224J	RD	220K	J	1/6W		
R41 ,42	35		RD14BB2C102J	RD	1.0K	J	1/6W		
R43 ,44	35		RD14BB2C224J	RD	220K	J	1/6W		
R45 ,46	35		RD14BB2C102J	RD	1.0K	J	1/6W		

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R47 ,48	35		RD14BB2C224J	RD	220K	J	1/6W		
R68			RD14NB2E681J	RD	680	J	1/4W		
R97	35		RD14BB2C100J	RD	10	J	1/6W		
R186-189	3		RD14BB2C221J	RD	220	J	1/6W	MICX	
⚠ R203			RS14KB3D100J	FL-PROOF RS	10	J	2W		
R228			RS14KB3D181J	FL-PROOF RS	180	J	2W		
⚠ R232			R92-1769-05	CARBON	3.3M	J	1/2W	KP	
R233,234	3		RD14BB2E511J	RD	510	J	1/4W	MICX	
⚠ R236			RS14KB3D471J	FL-PROOF RS	470	J	2W		
⚠ R237			RS14KB3D331J	FL-PROOF RS	330	J	2W		
R239			RS14KB3D331J	FL-PROOF RS	330	J	2W		
R240			RS14KB3D471J	FL-PROOF RS	470	J	2W		
R241,242			RD14NB2E1R0J	RD	1	J	1/4W		
R251	3		RD14BB2C102J	RD	1.0K	J	1/6W	MICX	
⚠ R255			RS14KB3D1R2J	FL-PROOF RS	1.2	J	2W	ET	
⚠ R255	3		RS14KB3D1R2J	FL-PROOF RS	1.2	J	2W	MICX	
⚠ R256			RD14NB2E4R7J	RD	4.7	J	1/4W		
⚠ R257			RS14KB3A1R0J	FL-PROOF RS	1	J	1W		
⚠ R258			RS14KB3A470J	FL-PROOF RS	47	J	1W		
⚠ R259			RD14NB2E100J	RD	10	J	1/4W		
R265	3		RD14BB2C103J	RD	10K	J	1/6W	MICX	
⚠ R268	3		RD14BB2C101J	RD	100	J	1/6W	MICX	
⚠ S1			S62-0001-05	SLIDE SWITCH				YMI	
D1 -6			HSS104A	DIODE					
D1 -6			1SS131	DIODE					
D11			HSS104A	DIODE				YMIC	
D11			1SS131	DIODE				YMIC	
D13			HSS104A	DIODE				ET	
D13			1SS131	DIODE				ET	
D14			HSS104A	DIODE				TX	
D14			1SS131	DIODE				TX	
D15			HSS104A	DIODE				YEMICX	
D15			1SS131	DIODE				YEMICX	
D16	35		HSS104A	DIODE				ETMICX	
D16	35		1SS131	DIODE				ETMICX	
⚠ D21 -24			S5688B	DIODE					
⚠ D21 -24			1SR139-400	DIODE					
D26			HZS5.1S(B2)	ZENER DIODE					
D26			RD5.1JS(B2)	ZENER DIODE					
D27			HSS104A	DIODE					
D27			1SS131	DIODE					
D28			HZS2.7N(B2)	ZENER DIODE					
D28			MTZJ2.7(B)	ZENER DIODE					
D28			RD2.7ES(B2)	ZENER DIODE					
D28			UZ-2.7BSB	ZENER DIODE					
D29 ,30			HSS104A	DIODE					
D29 ,30			1SS131	DIODE					
⚠ D31			S5688B	DIODE					
⚠ D31			1SR139-400	DIODE					
D32			HSS104A	DIODE					
D32			1SS131	DIODE					
D33			HZS5.6N(B2)	ZENER DIODE					
D33			MTZJ5.6(B)	ZENER DIODE					

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	Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
	D33			RD5.6ES(B2)	ZENER DIODE		
	D33			UZ-5.6BSB	ZENER DIODE		
⚠	D34			S5688B	DIODE		
⚠	D34			1SR139-400	DIODE		
	D35			HZS16N(B2)	ZENER DIODE		
	D35			MTZJ16(B)	ZENER DIODE		
	D35			RD16ES(B2)	ZENER DIODE		
	D35			UZ-16BSB	ZENER DIODE		
	D36			HZS18N(B2)	ZENER DIODE		
	D36			MTZJ18(B)	ZENER DIODE		
	D36			RD18ES(B2)	ZENER DIODE		
	D36			UZ-18BSB	ZENER DIODE		
	D37 -39			HSS104A	DIODE		
	D37 -39			1SS131	DIODE		
	D41			HZS6.2N(B2)	ZENER DIODE		
	D41			MTZJ6.2(B)	ZENER DIODE		
	D41			RD6.2ES(B2)	ZENER DIODE		
	D41			UZ-6.2BSB	ZENER DIODE		
	D42			HZS10N(B)	ZENER DIODE		
	D42			MTZJ10(B)	ZENER DIODE		
	D42			RD10ES(B)	ZENER DIODE		
	D42			UZ-10BSB	ZENER DIODE		
	D43			HZS3.9N(B2)	ZENER DIODE		
	D43			MTZJ3.9(B)	ZENER DIODE		
	D43			RD3.9ES(B2)	ZENER DIODE		
	D43			UZ-3.9BSB	ZENER DIODE		
	D44 -46			HSS104A	DIODE		
	D44 -46			1SS131	DIODE		
	D47			S5688B	DIODE		
	D47			1SR139-400	DIODE		
	D48			HSS104A	DIODE		
	D48			1SS131	DIODE		
	D49			HZS8.2N(B2)	ZENER DIODE		
	D49			MTZJ8.2(B)	ZENER DIODE		
	D49			RD8.2ES(B2)	ZENER DIODE		
	D49			UZ-8.2BSB	ZENER DIODE		
	D50 ,51			HZS10N(B2)	ZENER DIODE		
	D50 ,51			MTZJ10(B)	ZENER DIODE		
	D50 ,51			RD10ES(B2)	ZENER DIODE		
	D50 ,51			UZ-10BSB	ZENER DIODE		
	D52			HZS6.2N(B2)	ZENER DIODE		
	D52			MTZJ6.2(B)	ZENER DIODE		
	D52			RD6.2ES(B2)	ZENER DIODE		
	D52			UZ-6.2BSB	ZENER DIODE		
	D53			HZS5.1S(B2)	ZENER DIODE		
	D53			RD5.1JS(B2)	ZENER DIODE		
	D54 -60			HSS104A	DIODE		
	D54 -60			1SS131	DIODE		
	D61			HZS8.2S(B2)	ZENER DIODE	ET	
	D61	3		HZS8.2S(B2)	ZENER DIODE	MICX	
	D61			RD8.2JS(B2)	ZENER DIODE	ET	
	D61	3		RD8.2JS(B2)	ZENER DIODE	MICX	
	IC1			NJU7312AL	ANALOGUE IC		
	IC2			NJU7311AL	ANALOGUE IC		
	IC3			NJM4565D-D	IC(OP AMP X2)		

L : Scandinavia **K :** USA **P :** Canada **R :** Mexico **3 :** C-V300 **35 :** C-V300/V350
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Y : AAFES(Europe) **X :** Australia **M :** Other Areas **Q :** Russia **15 :** C-V100/V150
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✻ New Parts
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	Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
	IC4			LA2786	ANALOGUE IC		
	IC5			LV1016	DI BI-POLAR IC		
	IC6		✻	UPD780205GF031	MI-COM IC	KPY	
	IC6		✻	UPD780205GF031	MI-COM IC	MICX	
	IC6		✻	UPD780206GF019	MI-COM IC	ET	
	IC7		✻	UPD17215GT-737	MI-COM IC		
	IC9			S-806D-Z	ANALOGUE IC		
	IC10			TA8409S	MOS-IC	ET	
	IC10	3		TA8409S	MOS-IC	MICX	
	IC11			NJM4558D	ANALOGUE IC		
	Q1 ,2			2SC2878(B)	TRANSISTOR		
	Q3			2SA1048(Y,GR)	TRANSISTOR	YMIC	
	Q3			2SA1175(F,E)	TRANSISTOR	YMIC	
	Q3			2SA1309A(Q,R)	TRANSISTOR	YMIC	
	Q3			2SA933AS(Q,R)	TRANSISTOR	YMIC	
⚠	Q4			2SD1894	TRANSISTOR		
	Q6 ,7			DTC124ESA	DIGITAL TRANSISTOR	YMIC	
	Q6 ,7			UN4212	DIGITAL TRANSISTOR	YMIC	
⚠	Q8			2SB1370(E,F)	TRANSISTOR		
⚠	Q8			2SB1375	TRANSISTOR		
⚠	Q10			2SD2061	TRANSISTOR	ET	
⚠	Q10	3		2SD2061	TRANSISTOR	MICX	
⚠	Q11			2SB1370(E,F)	TRANSISTOR		
⚠	Q11			2SB1375	TRANSISTOR		
	Q12			2SC1740S(Q,R)	TRANSISTOR		
	Q12			2SC2458(Y,GR)	TRANSISTOR		
	Q12			2SC2785(F,E)	TRANSISTOR		
	Q12			2SC3311A(Q,R)	TRANSISTOR		
⚠	Q13			2SD2061	TRANSISTOR		
	Q14			2SC2003(L,K)	TRANSISTOR		
	Q15			2SA1048(Y,GR)	TRANSISTOR		
	Q15			2SA1175(F,E)	TRANSISTOR		
	Q15			2SA1309A(Q,R)	TRANSISTOR		
	Q15			2SA933AS(Q,R)	TRANSISTOR		
⚠	Q16			2SD2061	TRANSISTOR		
	Q17			2SC1740S(Q,R)	TRANSISTOR		
	Q17			2SC2458(Y,GR)	TRANSISTOR		
	Q17			2SC2785(F,E)	TRANSISTOR		
	Q17			2SC3311A(Q,R)	TRANSISTOR		
	Q18			2SB1370(E,F)	TRANSISTOR		
	Q18			2SB1375	TRANSISTOR		
⚠	Q19			2SD2061	TRANSISTOR	ET	
⚠	Q19	3		2SD2061	TRANSISTOR	MICX	

SUB(X13-7522-70)

C1			CE04KW1V100M	ELECTRO	10UF	35WV
C2			CE04KW1A101M	ELECTRO	100UF	10WV
C3 ,4			CE04KW1C220M	ELECTRO	22UF	16WV
C5			CQ93FMG1H102J	MYLAR	1000PF	J
C6			CQ93FMG1H182J	MYLAR	1800PF	J
C7			CQ93FMG1H103J	MYLAR	0.010UF	J
C8			CE04KW1A101M	ELECTRO	100UF	10WV
C9 ,10			CC45FCH1H270J	CERAMIC	27PF	J
C11			CK45FF1H103Z	CERAMIC	0.010UF	Z
C12			CE04KW1H010M	ELECTRO	1.0UF	50WV

L : Scandinavia **K :** USA **P :** Canada **R :** Mexico **3 :** C-V300 **35 :** C-V300/V350
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Y : AAFES(Europe) **X :** Australia **M :** Other Areas **Q :** Russia **15 :** C-V100/V150
⚠ indicates safety critical components.

PARTS LIST

✻ New Parts
Parts without **Parts No.** are not supplied.
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Teile ohne **Parts No.** werden nicht geliefert.

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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
C21			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C22			CC45FSL1H331J	CERAMIC 330PF J		
C23			CK45FB1H561K	CERAMIC 560PF K		
C24			CK45FF1H103Z	CERAMIC 0.010UF Z		
C25			CC45FCH1H330J	CERAMIC 33PF J		
C26			CC45FCH1H390J	CERAMIC 39PF J		
C27			CK45FF1H103Z	CERAMIC 0.010UF Z		
C28			CE04KW1A101M	ELECTRO 100UF 10WV		
CN1			E40-4808-05	PIN ASSY		
CN2			E40-4294-05	FLAT CABLE CONNECTOR		
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L2			L40-1091-17	SMALL FIXED INDUCTOR		
X1			L78-0626-05	RESONATOR (16M)		
X2			L77-2200-05	CRYSTAL RESONATOR(4.332MHZ)		
R33			RD14NB2E101J	RD 100 J 1/4W		
D1 -8			HSS104A	DIODE		
D1 -8			1SS131	DIODE		
IC1		✻	RF5S830-0021	MOS-IC		
IC2			SAA6579	ANALOGUE IC		
Q1			2SC2458(Y,GR)	TRANSISTOR		
Q1			2SC3311A(Q,R)	TRANSISTOR		
Q2			2SA1048(Y,GR)	TRANSISTOR		
Q2			2SA1309A(Q,R)	TRANSISTOR		
Q3			2SC2878(B)	TRANSISTOR		
SUB(X13-7562-70 / X13-7570-20)						
C1 ,2			CE04KW1H100M	ELECTRO 10UF 50WV		
C3 -6			CC45FSL1H101J	CERAMIC 100PF J		
C7			CQ93FMG1H103J	MYLAR 0.010UF J		
C8			CQ93FMG1H102J	MYLAR 1000PF J		
C9 ,10			CC45FSL1H101J	CERAMIC 100PF J		
C11			CE04KW1H100M	ELECTRO 10UF 50WV		
C12			CC45FSL1H101J	CERAMIC 100PF J		
C13			CK45FB1H102K	CERAMIC 1000PF K		
C14			CQ93FMG1H103J	MYLAR 0.010UF J		
C15			CQ93FMG1H102J	MYLAR 1000PF J		
CN1 -3			E40-8180-05	PIN ASSY		
IC1 ,2			NJM4565D-D	IC(OP AMP X2)		
DISPLAY(X14-4360-10 / X14-4500-20)						
C1 ,2			CE04KW1A101M	ELECTRO 100UF 10WV		
CN1		✻	E40-4940-05	FLAT CABLE CONNECTOR		
CN2		✻	E40-8086-05	FLAT CABLE CONNECTOR		
CN4			E40-4808-05	PIN ASSY		
-		✻	J19-5793-03	HOLDER		
R1			RD14NB2E470J	RD 47 J 1/4W		
R50 -76			RK73FB2A104J	CHIP R 100K J 1/10W		
R77			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R78			RK73FB2A103J	CHIP R 10K J 1/10W		
S1 -15			S70-0031-05	TACT SWITCH		
S30			T99-0559-05	ROTARY ENCODER		

L : Scandinavia **K :** USA **P :** Canada **R :** Mexico **3 :** C-V300 **35 :** C-V300/V350
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Ref. No	Address	New Parts	Parts No.	Description	Destination	Remarks
ED1		✻	20U64100SA	INDICATOR TUBE		
Q1			2SC3246	TRANSISTOR		
Q5 -14			DTA113ZUA	DIGITAL TRANSISTOR		
Q5 -14			UN5119	DIGITAL TRANSISTOR		
Q15			2SA1576A(R,S)	TRANSISTOR	KPY	
Q15			2SA1586(Y,GR)	TRANSISTOR	MICX	
Q15			2SB1218A(Q,R)	TRANSISTOR		
Q16 -31			DTA113ZUA	DIGITAL TRANSISTOR		
Q16 -31			UN5119	DIGITAL TRANSISTOR		
A1		✻	W02-2598-05	OPTIC RECEIVING MODULE		
DISPLAY(X14-4372-70 / X14-4510-20)						
D1 -10			B30-2508-05	LED(AMBER,D=3,P=2)		
D11 ,12		✻	B30-2519-05	LED(INFRARED,D=5,)		
D13	3	✻	B30-2493-05	LED(RED)		
D14	15		B30-2507-05	LED(RED/GRN,D=5)		
C1 ,2			CE04KW1A101M	ELECTRO 100UF 10WV		
CN1	15		E40-4946-05	FLAT CABLE CONNECTOR		
CN2			E40-4956-05	FLAT CABLE CONNECTOR		
CN4	3		E40-4944-05	FLAT CABLE CONNECTOR		
CN5			E40-4609-05	PIN ASSY		
CN6	15		E40-4293-05	FLAT CABLE CONNECTOR		
W1	3		E31-0001-00	JUMPER WIRE		
W2	15		E31-0001-00	JUMPER WIRE		
-		✻	J19-5793-03	HOLDER		
E6	15		J19-3288-05	LEAD HOLDER		
R1			RD14NB2E470J	RD 47 J 1/4W		
R11 ,12	15		RD14BB2C103J	RD 10K J 1/6W		
R13 ,14	15		RD14BB2C222J	RD 2.2K J 1/6W		
R15 ,16	15		RD14BB2C221J	RD 220 J 1/6W		
R22	3		RD14BB2C561J	RD 560 J 1/6W		
R26 ,27	15		RD14BB2C101J	RD 100 J 1/6W		
R50 -76			RK73FB2A104J	CHIP R 100K J 1/10W		
R77			RK73FB2A102J	CHIP R 1.0K J 1/10W		
R78			RK73FB2A103J	CHIP R 10K J 1/10W		
S1 -16			S70-0031-05	TACT SWITCH		
S17 -20	15		S70-0031-05	TACT SWITCH		
S21 -24			S70-0031-05	TACT SWITCH		
S25 ,26	15		S70-0031-05	TACT SWITCH		
S30			T99-0559-05	ROTARY ENCODER		
ED1		✻	20U64100SA	INDICATOR TUBE		
Q1			2SC3246	TRANSISTOR		
Q2			2SC2003(L,K)	TRANSISTOR		
Q3 ,4	15		2SA1175(F,E)	TRANSISTOR		
Q3 ,4	15		2SA933AS(Q,R)	TRANSISTOR		
Q5 -14			DTA113ZUA	DIGITAL TRANSISTOR		
Q5 -14			UN5119	DIGITAL TRANSISTOR		
Q15	15		2SA1576A(R,S)	TRANSISTOR		
Q15			2SA1586(Y,GR)	TRANSISTOR		
Q15	3		2SB1218A(Q,R)	TRANSISTOR		
Q16 -31			DTA113ZUA	DIGITAL TRANSISTOR		
Q16 -31			UN5119	DIGITAL TRANSISTOR		
A1		✻	W02-2598-05	OPTIC RECEIVING MODULE		

L : Scandinavia **K :** USA **P :** Canada **R :** Mexico **3 :** C-V300 **35 :** C-V300/V350
Y : PX(Far East, Hawaii) **T :** Europe **E :** Europe **G :** Germany **10 :** C-V100 **350 :** C-V350
Y : AAFES(Europe) **X :** Australia **M :** Other Areas **Q :** Russia **15 :** C-V100/V150

⚠ indicates safety critical components.

SPECIFICATIONS

For C-V350

Audio section

Total harmonic distortion (1 kHz, 1V) ..... 0.01 %
Signal to noise ratio (IHF'66)
  CD ..... 93 dB
Input sensitivity / impedance
  CD ..... 200 mV / 47kΩ
Tone controls
  BASS ..... ± 8 dB (at 100 Hz)
  TREBLE ..... ± 8 dB (at 10 kHz)
Output level / impedance
  TAPE REC ..... 200 mV / 1 kΩ

Video section

VIDEO inputs / outputs
  (composite) ..... 1 Vp-p/75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz
Usable sensitivity (DIN)
  MONO ..... 1.2 µV (at 75 Ω) / 13.2 dBf
    (40 kHz dev., S/N 26 dB)
  STEREO ..... 35 µV (at 75 Ω) / 42 dBf
    (46 kHz dev., S/N 46 dB)
Signal to noise ratio (DIN weighted at 1 kHz, 40 kHz dev.)
  MONO ..... 65 dB (65.2 dBf input)
  STEREO ..... 60 dB (65.2 dBf input)
Selectivity (DIN ± 300 kHz) ..... 64 dB
Stereo separation (DIN, 1 kHz) ..... 36 dB
Frequency response ..... 30 Hz~15 kHz, + 0.5 dB, – 3.0 dB

MW Tuner section

Tuning frequency range ..... 531 kHz ~ 1,602 kHz
Usable sensitivity
  (30% mod., S/N 20 dB) ..... 20 µV / (700 µV / m)
Signal to noise ratio
  (at 30% mod. 1mV input) ..... 48 dB

LW Tuner section

Tuning frequency range ..... 153 kHz ~ 279 kHz
Usable sensitivity
  (30% mod., S/N 20 dB) ..... 35 µV
Signal to noise ratio
  (at 30% mod. 1mV input) ..... 45 dB

General

Power consumption ..... 25 W
AC outlet
  UN SWITCHED ..... 2 : (Total 100 W max)
Dimensions ..... W : 400 mm
    H : 105 mm
    D : 382 mm
Weight (net) ..... 5.2 kg

For C-V150

Audio section

Total harmonic distortion (1 kHz, 1V) ..... 0.01 %
Signal to noise ratio (IHF'66)
  CD ..... 93 dB
Input sensitivity / impedance
  CD ..... 200 mV / 47kΩ
Tone controls
  BASS ..... ± 8 dB (at 100 Hz)
  TREBLE ..... ± 8 dB (at 10 kHz)
Output level / impedance
  TAPE REC ..... 200 mV / 1 kΩ

Video section

VIDEO inputs / outputs
  (composite) ..... 1 Vp-p/75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz
Usable sensitivity (DIN)
  MONO ..... 1.2 µV (at 75 Ω) / 13.2 dBf
    (40 kHz dev., S/N 26 dB)
  STEREO ..... 35 µV (at 75 Ω) / 42 dBf
    (46 kHz dev., S/N 46 dB)
Signal to noise ratio (DIN weighted at 1 kHz, 40 kHz dev.)
  MONO ..... 65 dB (65.2 dBf input)
  STEREO ..... 60 dB (65.2 dBf input)
Selectivity (DIN ± 300 kHz) ..... 64 dB
Stereo separation (DIN, 1 kHz) ..... 36 dB
Frequency response ..... 30 Hz~15 kHz, + 0.5 dB, – 3.0 dB

MW Tuner section

Tuning frequency range ..... 531 kHz ~ 1,602 kHz
Usable sensitivity
  (30% mod., S/N 20 dB) ..... 20 µV / (700 µV / m)
Signal to noise ratio
  (at 30% mod. 1mV input) ..... 48 dB

LW Tuner section

Tuning frequency range ..... 153 kHz ~ 279 kHz
Usable sensitivity
  (30% mod., S/N 20 dB) ..... 35 µV
Signal to noise ratio
  (at 30% mod. 1mV input) ..... 45 dB

General

Power consumption ..... 25 W
AC outlet
  UN SWITCHED ..... 2 : (Total 100 W max)
Dimensions ..... W : 400 mm
    H : 105 mm
    D : 382 mm
Weight (net) ..... 5.2 kg

Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Full performance may not be exhibited in extremely cold locations (below 0 deg.C).

SPECIFICATIONS

For C-V300

Audio section

Total harmonic distortion (1 kHz, 1V) ..... 0.01 %
Signal to noise ratio (IHF'66)
CD ..... 93 dB
Input sensitivity / impedance
CD ..... 200 mV / 47kΩ
Tone controls
BASS ..... ± 8 dB (at 100 Hz)
TREBLE ..... ± 8 dB (at 10 kHz)
Output level / impedance
TAPE REC ..... 200 mV / 1 kΩ

Video section

VIDEO inputs / outputs
(composite) ..... 1 Vp-p/75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz
Usable sensitivity
MONO ..... 1.6 V (at 75 Ω) / 15.2 dBf
(75 kHz dev., SINAD. 30 dB)
50dB quieting sensitivity
STEREO ..... 31.6 µV (at 75 Ω) / 41.2 dBf
(75 kHz dev.)
Signal to noise ratio (1 kHz, 75 kHz dev.)
MONO ..... 75 dB (65.2 dBf input)
STEREO ..... 68 dB (65.2 dBf input)
Selectivity (IHF ± 400 kHz) ..... 50 dB
Stereo separation (1 kHz) ..... 40 dB
Frequency response ..... 30 Hz~15 kHz, + 0.5 dB, – 3.0 dB

AM Tuner section

Tuning frequency range ..... (9 kHz) 531 kHz ~ 1,602 kHz
(10 kHz) 530 kHz ~ 1,610 kHz
Usable sensitivity
(30% mod., S/N 20 dB) ..... 16 ±V / (600 µ / m)
Signal to noise ratio
(at 30% mod. 1mV input) ..... 48 dB

General

Power consumption ..... 25 W
AC outlet ..... 2: (Total 100 W max)
..... (Australia 1 : (100 W max)
Dimensions ..... W : 400 mm
H : 105 mm
D : 382 mm
Weight (net) ..... 5.2 kg

For C-V100 *(Except U.S.A. and Canada)*

Audio section

Total harmonic distortion (1 kHz, 1V) ..... 0.01 %
Signal to noise ratio (IHF'66)
CD ..... 93 dB
Input sensitivity / impedance
CD ..... 200 mV / 47kΩ
Tone controls
BASS ..... ± 8 dB (at 100 Hz)
TREBLE ..... ± 8 dB (at 10 kHz)
Output level / impedance
TAPE REC ..... 200 mV / 1 kΩ

Video section

VIDEO inputs / outputs
(composite) ..... 1 Vp-p/75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz
Usable sensitivity
MONO ..... 1.6 µV (at 75 Ω) / 15.2 dBf
(75 kHz dev., SINAD. 30 dB)
50dB quieting sensitivity
STEREO ..... 31.6 µV (at 75 Ω) / 41.2 dBf
(75 kHz dev.)
Signal to noise ratio (1 kHz, 75 kHz dev.)
MONO ..... 75 dB (65.2 dBf input)
STEREO ..... 68 dB (65.2 dBf input)
Selectivity (IHF ± 400 kHz) ..... 50 dB
Stereo separation (1 kHz) ..... 40 dB
Frequency response ..... 30 Hz~15 kHz, + 0.5 dB, – 3.0 dB

AM Tuner section

Tuning frequency range ..... (9 kHz) 531 kHz ~ 1,602 kHz
(10 kHz) 530 kHz ~ 1,610 kHz
Usable sensitivity
(30% mod., S/N 20 dB) ..... 16 µV / (600 µV / m)
Signal to noise ratio
(at 30% mod. 1mV input) ..... 48 dB

General

Power consumption ..... 25 W
AC outlet ..... 2: (Total 100 W max)
..... (Australia 1:(100 W max))
Dimensions ..... W : 400 mm
H : 105 mm
D : 382 mm
Weight (net) ..... 3.9 kg

Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Full performance may not be exhibited in extremely cold locations (below 0 deg.C).

SPECIFICATIONS

For C-V100 *(U.S.A. and Canada)*

Audio section

Total harmonic distortion (1 kHz, 1V) ..... 0.01 %
Signal to noise ratio (IHF' 66)
  CD ..... 93 dB
Input sensitivity / impedance
  CD ..... 200 mV / 47kΩ
Tone controls
  BASS ..... ± 8 dB (at 100 Hz)
  TREBLE ..... ± 8 dB (at 10 kHz)
Output level / impedance
  TAPE REC ..... 200 mV / 1 kΩ

Video section

VIDEO inputs / outputs
  (composite) ..... 1 Vp-p/75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz
Usable sensitivity
  MONO ..... 1.6 µV (at 75 Ω) / 15.2 dBf
    (75 kHz dev., SINAD. 30 dB)
50dB quieting sensitivity
  STEREO ..... 31.6 µV (at 75 Ω) / 41.2 dBf
    (75 kHz dev.)
Signal to noise ratio (1 kHz, 75 kHz dev.)
  MONO ..... 75 dB (65.2 dBf input)
  STEREO ..... 68 dB (65.2 dBf input)
Selectivity (IHF ± 400 kHz) ..... 70 dB
Stereo separation (1 kHz) ..... 40 dB
Frequency response ..... 30 Hz~15 kHz, + 0.5 dB, – 3.0 dB

AM Tuner section

Tuning frequency range ..... 530 kHz ~ 1,700 kHz
Usable sensitivity
  (30% mod., S/N 20 dB) ..... 16 µV / (600 µV / m)
Signal to noise ratio
  (at 30% mod. 1mV input) ..... 48 dB

General

Power consumption ..... 25 W
AC outlet
  UN SWITCHED ..... 2 : (Total 100 W max)
Dimensions ..... W : 400 mm (15-3/4")
    H : 105 mm (4-1/8")
    D : 382 mm (15-1/16")
Weight (net) ..... 3.9 kg (8.6 lb)

Notes

1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Full performance may not be exhibited in extremely cold locations (below 0 deg.C).

Note:
Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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